

**(2)****US Army Corps
of Engineers**Construction Engineering
Research Laboratory

Maintenance Resources by Building Use for U.S. Army Installations

Volume II: Appendices A Through H

by
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This research project provides improved maintenance resource data for use during facility planning, design, and maintenance activities. Data bases have been developed to assist planners in preparing DD Form 1391 documentation, designers in life-cycle cost component selection, and maintainers in resource planning. The data bases are useful to U.S. Army Corps of Engineers (USACE) designers at the district and installation levels, and resource programmers at USACE Headquarters, Army Major Commands, and installations. These research products may also be useful to other Government agencies and the private sector.

This report describes the building task maintenance and repair data bases. It is one of a series of special reports on building maintenance and repair. Volume I is the main text. Volume II is Appendices A through H, and Volume III is Appendices I through P.

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FOREWORD

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APPENDIX A:

UNIT COST TABLES BY FUNCTIONAL GROUP CODES

Part A

Group	Proposed new F4C groupings for facilities
Current Use Code	The F4C code given in AR 415-28 Facility Classes and Construction Categories
Description	Title of the group and current use codes
Unit Cost IDs	Two characters that identify the correct unit cost table
Total	Includes all buildings within this category
Perm	Includes permanent and semipermanent buildings
Temp	Includes temporary buildings

Part B

Unit Cost ID Code	Two characters that identify the correct unit cost table
Description	Title of the group and current use codes

UNIT COST TABLES BY FUNCTION					
Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
170		TRAINING/INSTR BUILDINGS			
17120		GEN INSTRUCTION BLDG	UA	P4	T4
	17120 17131 17174 17190	GEN INST BLDG POST SIG SCHOOL LEARN RES CTR OTHERS			
17130		APPLIED INSTRUCTION BLDG	UB	P5	T5
	17110 17110 17115 17130 17140 17142 17180 17182	AC TRAINER BLDG FLT SIM BLDG BAND TNG BLDG APPLIED INST BLDG ARMY RES CENTER NG RES CTR BLDG NG ARMORY TGT MOV SIM BLDG			
179		RANGES/TRAINING FACS	UN	UN	UN
	17901 17902 17903 17907 17909 17910 17912 17917 17923 17928 17930 17931 17932 17933 17937 17942 17943 17946	BSC 25M FIRE RG AUTOMATED FLD FIRING RG AUTOMATED RECORD FIRE RG SNIPER TRN FLD FIRE RG MG 10 METER RG MG TRANSITION RG FIRING FROM MOVING APC GRENADE LCHR RG MOUT CFT RG COMBT PISTOL RG TK GNRV 1:30 AND 1:60 TK GNRV 1:5 AND 1:10 TK GNRV STATIONARY TK CREW CMBT FIRING CLS AERIAL GUNNERY FLD ARTY FIRING RG AD ARTY FIRING RG OPTIONAL RG'S			

UNIT COST TABLES BY FUNCTION					
			Unit Cost IDs		
Group	Current Use Code	Description	Total	Perm	Temp
214		VEH/INSTL MAINTENANCE			
21410		ORGANIZATIONAL VEH MAINT FAC	UD	P8	T8
	21407 21408 21409 21410 21470 21510 21520 21530 21710 21712 21722 21730	NG VEH MAINT SHOP COMPT CLEAN FAC AR VEH MNT SHOP VEH MNT SH ORG OIL STORAGE BLG SM ARMS REP SH LIGHT GUN SHOP HEAVY GUN SHOP ELEC MNT SHOP ELC/COM CAL FAC E/C CLEAN FAC RADAR MNT SHOP			
21420		DS/GS VEHICLE MAINTENANCE SHOP	UE	P9	T9
	21420 21430 21435 21440 21532 21540 21590 21732 21790 21850 21872 21880	VEH MNT SHOP DS VEH MNT SHOP GS REBD SH & FAC VEH C/REB DEP WEAPON QA FAC SP WPNS SHOP OTHER E/C QUAL AS FAC OTHER BATTERY SHOP QUAL ASSUR FAC CML FLD MNT SH			
21456		CENTRAL VEHICLE WASH FACILITY	UD	UD	UD
	21456 21457 21458 2145921886	WASH FAC CENPR-WSH CEN ST CLEAN FAC OC&L FAC CON VEHIL WASH SHOP			

UNIT COST TABLES BY FUNCTION					
Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
	17904 17905 17908 17911 17913 17914 17915 17916 17918 17919 17920 17921 17922 17924 17925 17926 17927 17929 17934 17936 17939 17945 17950	NIGHT FIRE RG AUTO RIFLE RG TGT DETECT RG MG M60 & M2 RG HD GR FAMILIAR HD GR ACCURACY HD CR ASLT QUAL HD GR CONFIDEN RECOIL RIFLE RG LT ANTIAR WP RG ANTIAR TRACK RG DEMO BT&LM AR FLAS & FLMTH RG MORT SCAL TR RG MORTAR RANGE INF SQD BTL CSE INF PLT BTL CSE SUBMACH GUN RG TK PLT BTL RUN GUNSHIP HARM RG IMPACT AREA FLD ART RG COLLECTIVE TRN SITES			
17986		MANEUVER AREA	AC		
210		AVIATION MAINTENANCE			
21110		AVIATION UNIT MAINTENANCE HANGAR	UC	P6	T6
	14112 21110 21740 44212	AVN OPS BLDG MNT HANGAR AVUM AVIONICS MNT SHP AC PTS & TOE ST			
21111		AVIATION INTERMEDIATE MAINT HANGAR	UC	P7	T7
	21111 21112 21115 21120 21130 21140 44210 44211 21190	INT MAINT HGR - AVIM MNT HANGAR COMB QUAL ASSUR FAC AC FLD MNT SHOP AC PAINT SHOP AC ENG TEST FAC AC PTS STR BLDG ACFT ACCT PTS STOR OTHER			

UNIT COST TABLES BY FUNCTION					
Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm.	Temp
21800		SPECIAL PURPOSE MAINTENANCE SHOPS	UF	PA	TA
	21815 21870 21882 21883 21884 21885 21887 21888 21889	NTOE SUP MNT SH STH SPARE PARTS QM REPAIR SHOP MTL & WDWK SHOP AIR DEL EQP SH MNT SH GEN PURP OPT REPAIR SHOP CAN/LEATH SHOP CALIBRATION FAC			
21900		MAINTENANCE - INSTALLATION O&R	UG	PB	TB
	21910 21912 21920 21922 44228	FE MAINT SHOP TIMBR TREAT FAC FE FACILITY ENTOMOLOGY FAC INSECTICIDE STR			
400		SUPPLY FACILITIES			
41100		BULK FUEL STORAGE	NONE	NONE	NONE
	41110 41120 41121 41130 41140 41180 41190	MARINE FUEL STRG AVGAS STORAGE JET FUEL STORAGE DIESEL OIL STRG GASOLINE STRG HEATING FUEL STRG OTHER			

UNIT COST TABLES BY FUNCTION					
Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
42100		AMMUNITION STORAGE FACILITIES	UH	PC	TC
	14170	TRF DEPOT EXPLO			
	42107	STRAND-NON ATOM			
	42110	FUSE DET MAG BK			
	42120	HI EXPLO MAG BK			
	42140	SMKEDRM STRHS BK			
	42150	SMKLS PO MAG BK			
	42160	SP WPNS MAG BK			
	42170	GM MAGAZINE BK			
	42180	IGLOO STORAGE			
	42182	SMALL ARMS MAG			
	42183	GEN PURPOSE MAG			
	42184	AMMO HUT			
	42190	OTHER			
	42210	FUSE DET MAG			
	42215	HIGH EXPLO MAG			
	42221	STL ARCH MAG BK			
	42225	SMOKEDRUM STRHS			
	42230	SM ARM PYRO MAG			
	42235	READY MAGAZINE			
	42240	FIXED AMMO MAG			
	42250	SP WEAPONS MAG			
	42260	GM MAGAZINE			
	42280	IGLOO STORAGE			
	42281	AMMO HUT			
	42283	GEN PURP MAG			
	42285	UNIT SM ARM STR			
	42290	OTHER			
	44160	RADA STOR WHSE			
43000		COLD STORAGE FACILITIES	UI	PD	TD
	42410	COLD STOR BTRY			
	43110	COLD STOR WHS			
	43111	COLD STOR EQUIP			
	43210	COLD STOR WHSE			
	43211	CSE I & R WHSE			
	43212	COLD STOR EQPT			
	43220	MEAT CUT PLANT			
	43230	REFRIG WH PERSH			
	43231	CSE I & R PERSH			
	43290	OTHER			

UNIT COST TABLES BY FUNCTION

Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
41200		GENERAL PURPOSE WAREHOUSE	UJ	PE	TE
	14133	SHIP & REC			
	14140	CARE & PRES SH			
	14150	BOX & CRATE SH			
	14160	BL & BAND FAC			
	15610	CARGO FAC/BLDG			
	17160	TNG AIDS CENTER			
	21640	DUNNAGE BLDG			
	42181	STOREHOUSE			
	42231	STOREHOUSE			
	44110	GEN PURP WHSE			
	44170	UG STORAGE FAC			
	44180	OPEN WHSE FAC			
	44219	STEEL STORE FAC			
	44220	GEN PURPSE WHSE			
	44221	TARGET STORAGE			
	44222	STORAGE SHED			
	44224	DEPLOY STGE BG			
	44226	SUP MAINT WHSE			
	44250	WG STORAGE FAC			
	44261	LUM & P SHED FE			
	44270	GEN STOREHOUSE			
	44271	GEN STOR FH			
	44275	FE STOREHOUSE			
	44276	STR MAT HAND EQ			
	44280	OPEN WAREHOUSE			
	44285	SALV & SUR PROP			
	44286	DIV BRKD BLDG			
	74055	EXCH WAREHOUSE			
	74081	SELF SV SUP CTR			
41230		CONTROLLED HUMIDITY WAREHOUSE	UJ	PF	TF
	44230	CONT HUMID WHSE			
	44130	CONT HUMID WHSE			
	44225	MED SUPPLY WHS			
41240		INFLAMMABLE MATLS WAREHOUSE	UJ	PG	TG

UNIT COST TABLES BY FUNCTION

Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
	44240 41170 44150 44215 44217 44245	INFLAM MAT STHS LUBNT STR FAC INFLAM MAT STHS OXY STORAGE FAC ACETYL STOR FAC AC INFLAM STORE			
44260		VEHICLE STORAGE/PARKING SHEDS	UJ	PH	TH
	44260 44262 44181	TRANSIT SHED VEHICLE STORAGE VEHICLE STR FAC			
51010		HOSPITAL	UK	PI	TI
	51010 51020 51090 53020 53030	HOSPITAL HOSPITAL CLINIC OTHER LABORATORY MORGUE			
54010		DENTAL CLINIC	UL	PJ	TJ
	54010 54090	DENTAL CLINIC OTHER			
55010		HEALTH CLINIC	UM	PK	TK
	55010 55020 55030 55040 55090	CLINIC W/O BDS CLINIC WITH BEDS H/D CI W/O BDS H/D CI WTH BDS OTHER			
650		ADMINISTRATION			
14182		BDE LEVEL HQ BLDG	UN	UN	UN
	14182 14184	RGT/BDE HQ BLDG GP HQ BLDG			
14183		BATTALION HEADQUARTERS BLDG	UN	P2	T2
	14183 17150 17151	BN HQ BLDG BN CLASSROOMS BN ADMIN & CLRM			
14185		COMPANY HEADQUARTERS BLDG	UN	P3	T3

UNIT COST TABLES BY FUNCTION					
Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
	14185 72330	CO HQ BLDG ADM & SUP BLDG			
61050		GENERAL PURPOSE ADMIN	UN	PL	TL
	14114 14125 14131 14180 61011 61012 61018 61020 61021 61022 61023 61024 61025 61026 61027 61028 61030 61031 61040 61041 61050 61060 61061 61065 61090 62010 73016 74023 74071	CIDC FIELD OP OFF RECPT STA PROCESS GEN PURPOSE SCALE HOUSE POST HEADQUARTERS DIVISION HEADQUARTERS ARMY HEADQUARTERS CHEMICAL ENGINEER ORDNANCE SUPPLY SERVICE SIGNAL MEDICAL TRANSPORTATION CO FINANCE PROVOST & MP EXCHANGE AUTODATA PROCESS CIVILIAN PERSONNEL MILITARY PERSONNEL GEN PURP ADMIN R&D ACTIVITIES DETACH OFF, FHSG TECHNICAL LIBRARY OTHER UNDERGROUND POLICE STATION CREDIT UNION RED CROSS BLDG			

UNIT COST TABLES BY FUNCTION					
Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
711		FAMILY HOUSING			
71100		FAMILY HOUSING	FT	PN	TN
	71111	GENERAL			
	71112	COLONEL			
	71113	LTC/MAJOR			
	71114	COM GRD/WO			
	71115	NCO/ENLISTED			
	71116	CIV/GS16-GS18			
	71117	CIV/GS12-GS15			
	71118	CIV/GS7-GS11			
	71119	CIV/GS5-GS6			
	71121	GENERAL			
	71122	COLONEL			
	71123	LTC/MAJOR			
	71124	COM GRD/WO			
	71125	NCO/ENLISTED			
	71126	CIV/GS16-GS18			
	71127	CIV/GS12-GS15			
	71128	CIV/GS7-GS11			
	71129	CIV/GS5-GS6			
	71131	GENERAL			
	71132	COLONEL			
	71133	LTC/MAJOR			
	71134	COM GRD/WO			
	71135	NCO/ENLISTED			
	71136	CIV/GS16-GS18			
	71137	CIV/GS12-GS15			
	71138	CIV/GS7-GS11			
	71139	CIV/GS5-GS6			
	71141	GENERAL			
	71142	COLONEL			
	71143	LTC/MAJOR			
	71144	COM GRD/WO			
	71145	NCO/ENLISTED			
	71146	CIV/GS16-GS18			
	71147	CIV/GS12-GS15			
	71148	CIV/GS7-GS11			
	71149	CIV/GS5-GS6			
	71160	CIV/UNDESIG			
	71190	OTHER			

UNIT COST TABLES BY FUNCTION					
Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
720		UPH/DINING			
72100		UPH ENLISTED PERSONNEL	UO	PS	TS
	72110 72111 72112 72113 77120 72140 72180 72190	ENL BRKS W/MESS ENL BRKS (UPH) ENL BRKS W/AS ENL BRKS W/D&AS ENL BRKS TRANS CIV DORMITORY SR ENL QTRS UNDEFINED			
72114		ENL BRKS AN TRN AND MOB	UO	UO	UO
	72114 72115	ENL BRKS AN TRN ENL BRKS MOB			
72181		TRAINEE BRKS	UP	PT	TT
	72181	TRAINEE BRKS			
72200		UPH DINING FACILITIES	UQ	PU	TU
	72210 72220 72290	ENL DIN FAC OFF DIN FAC UNDEFINED			
72400		UPH OFFICERS	UR	PV	TV
	72410 72411 72415 72430	UPH OFF BRKS UPH OFF BRKS UPH OFF BRKS UPH CIV BRKS			
700		COMMUNITY FACILITIES			
73010		COMMUNITY FIRE STATION	US	PW	TW
	14111 73010	AF FIRE RSQ STA COMMUNITY FIRE STATION			
73015		CONFINEMENT FACILITY	HA	PX	TX
	72150 73014 73015	DETENTION BRKS CORRECTIONAL FAC CONFINEMENT FACILITY			
73020		CHAPEL CENTER FACILITIES	UT	PY	TY

UNIT COST TABLES BY FUNCTION

Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
	73017 73018 73019 73020	CHAPEL RELIG ED FAC UNIT CHAP CHAPEL CENTER FACILITIES			
73030		LAUNDRY/DRY CLEANING FACILITY	UU	G0	S0
	73030 73031	LAUNDRY/DRY CLEANING FACILITY DRYCLEANING FAC			
73048		DEPENDENT GRADE SCHOOL	UN	Q1	S1
	73047 73048	KINDERGARTEN DEPENDENT GRADE SCHOOL			
73049		DEPENDENT HIGH SCHOOL	UN	Q2	S2
	73044 73046 73049	MIDDLE SCHOOL JR HIGH SCHOOL DEPENDENT HIGH SCHOOL			
73073		POST OFFICE	UV	Q4	S4
	73072 73073	BRANCH POST OFFC POST OFFICE			
74010		AUDITORIUM/THEATER FACILITY	UW	Q5	S5
	74010 74026 74027 74043 74076 74077	AUDITORIUM/THEATER FACILITY ENTERTAINMENT WORKSHOP DRAMA CENTER MUSIC CENTER THEATER W/DRSRM THEATER			
74011		BOWLING CENTER	UX	Q6	S6
	74011	BOWLING CENTER			
74014		CHILD SUPPORT CENTER	UY	Q7	S7
	77014 73045	CHILD SUPPORT CENTER NURSERY			
74021		COMMISSARY	UZ	Q8	S8
	74021	COMMISSARY			
74022		ARTS & CRAFTS CENTER	U1	Q9	S9

UNIT COST TABLES BY FUNCTION					
Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
	74003 74022	AUDIO/PHOTO CLUB ARTS & CRAFTS CENTER			
7402		AUTO CRAFTS CENTER	U7	U7	U7
	74024 74037	AUTO CRAFTS CENTER AUTO CRAFTS ANNEX			
74025		CONT EDUCATION FAC	U2	QA	SA
	74025	CONT EDUCATION FAC			
74028		PHYSICAL FITNESS CENTER	U3	QB	SB
	74028 74034 74072 74086	PHYSICAL FITNESS CENTER PHYS FITNESS CTR/GYM INDOOR SWIM POOL HANDBALL CTS (ID)			
74032		TRANSIENT HOUSING FACILITIES	U4	QC	SC
	74032 74035 73036	TRANSIENT HOUSING FACILITIES O/S TRANS BILLET REC BILLETS			
74033		COMMUNITY SVCS CTR (ACS)	U7	QD	SD
	74033	COMMUNITY SVCS CTR (ACS)			
74041		LIBRARY FACILITY	U7	QD	SD
	74040 74041 74044	LIBRARY BRNCH LIBRARY FACILITY LIBRARY SVC CTR			
74046		CONSOLIDATED OPEN DIN FAC	U5	QF	SF
	74015 74046 74047 74048	CIVILIAN CLUB CONSOLIDATED OPEN DIN FAC NCO OPEN DINING FAC OFF OPEN DIN FAC			
74052		EXCHANGE AUTO SERVICE STA	U6	QG	SG
	74052	EXCHANGE AUTO SERVICE STA			
74053		COMMUNITY RETAIL STORE	U7	QH	SH

UNIT COST TABLES BY FUNCTION

Group	Current Use Code	Description	Unit Cost IDs		
			Total	Perm	Temp
	74020 74050 74053 74056 74057 74078 74084	EXCH CLOTHING ST EXCH BRANCH COMMUNITY RETAIL STORE EXCH SVC OUTLET EXCH SUPT FAC THRIFT SHOP CLASS VI STORE			
74064		RESTAURANT/CAFETERIA	U5	U5	U5
	74012 74013 74051 74060 74062 74064	CAFETERIA CANTEEN EXCH CAFETERIA LUNCH ROOM SNACK BAR RESTAURANT/CAFETERIA			
74066		YOUTH CENTER	U3	U3	U3
	74066	YOUTH CENTER			
74069		RECREATION BUILDING	U3	U3	U3
	74008 74065 74067 74068 74069 74074 74088	BILLIARDS FAC MOR SUPT ACT OFF ROD/GUN CLUB RECREATIONAL ACTIVITIES CTR RECREATION BLDG SCOUT BLDG UNIT RECREATION CENTER			

FA	TOTL FAMILY HOUSING (UPTO 1950)
FB	TOTL FAMILY HOUSING (1951 ON)
FC	TOTL FAMILY HOUSING (CAPEHART)
FW	TOTL FAMILY HOUSING (WHERRY)
P0	PERM LAND OPERATIONAL BUILDINGS
P1	PERM REGIMENTAL/BRIGADE HQ
P2	PERM BATTALION HEADQUARTERS
P3	PERM COMPANY HEADQUARTERS
P4	PERM GENERAL INSTRUCTIONAL BUILDINGS
P5	PERM APPLIED INSTRUCTIONAL BUILDINGS
P6	PERM AVIATION UNIT MAINTENANCE HANGAR
P7	PERM AVIATION UNIT MAINTENANCE HANGAR
P8	PERM ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
P9	PERM DS/GS VEHICLE MAINTENANCE SHOP
PA	PERM SPECIAL PURPOSE MAINTENANCE SHOPS
PB	PERM REPAIR AND OPERATION MAINTENANCE SHOPS
PC	PERM AMMUNITION STORAGE FACILITIES
PD	PERM COLD STORAGE FACILITIES
PE	PERM GENERAL PURPOSE WAREHOUSE
PF	PERM GENERAL PURPOSE WAREHOUSE
PG	PERM GENERAL PURPOSE WAREHOUSE
PH	PERM GENERAL PURPOSE WAREHOUSE
PI	PERM HOSPITALS
PJ	PERM DENTAL CLINICS
PK	PERM HEALTH CLINICS

PL	PERM GENERAL PURPOSE ADMINISTRATION
PM	PERM (INVALID)
PN	PERM FAMILY HOUSING
PO	PERM (NOT USED)
PP	PERM (NOT USED)
PQ	PERM (NOT USED)
PR	PERM (NOT USED)
PS	PERM UNACOMPANIED PERSONNEL HOUSING, ENLISTED
PT	PERM BASIC TRAINEE BARRACKS
PU	PERM DINNING FACILITIES
PV	PERM UNACOMPANIED PERSONNEL HOUSING, OFFICES
PW	PERM FIRE STATION
PX	PERM COMMUNITY FACILITY
PY	PERM CHAPELS
Q0	PERM LAUNDRY/DRY CLEANING FACILITY
Q1	PERM GENERAL PURPOSE ADMINISTRATION
Q2	PERM GENERAL PURPOSE ADMINISTRATION
Q3	PERM DECONTAMINATION FACILITY
Q4	PERM POST OFFICE
Q5	PERM AUDITORIUM/THEATER
Q6	PERM BOWLING CENTER
Q7	PERM CHILD SUPPORT CENTER
Q8	PERM COMMISSARY
Q9	PERM ARTS & CRAFTS CENTER
QA	PERM CONTINUING EDUCATION
QB	PERM PHYSICAL FITNESS
QC	PERM TRANSIENT HOUSING

QD	PERM COMMUNITY SVCSCTR(ACS)
QE	PERM LIBRARY
QF	PERM CONSOLIDATED OPEN DINNING
QG	PERM EXCHANGE AUTO SERVICE STATION
QH	PERM RETAIL STORE
S0	TEMP LAUNDRY/DRY CLEANING FACILITY
S1	TEMP GENERAL PURPOSE ADMINISTRATION
S2	TEMP GENERAL PURPOSE ADMINISTRATION
S3	TEMP DECONTAMINATION FACILITY
S4	TEMP POST OFFICE
S5	TEMP AUDITORIUM/THEATER
S6	TEMP BOWLING CENTER
S7	TEMP CHILD SUPPORT CENTER
S8	TEMP COMMISSARY
S9	TEMP ARTS & CRAFTS CENTER
SA	TEMP CONTINUING EDUCATION
SB	TEMP PHYSICAL FITNESS
SC	TEMP TRANSIENT HOUSING
SD	TEMP COMMUNITY SVCSCTR(ACS)
SE	TEMP LIBRARY
SF	TEMP CONSOLIDATED OPEN DINNING
SG	TEMP EXCHANGE AUTO SERVICE STATION
SH	TEMP RETAIL STORE
T0	TEMP LAND OPERATIONAL BUILDINGS
T1	TEMP REGIMENTAL/BRIGADE HQ
T2	TEMP BATTALION HEADQUARTERS
T3	TEMP COMPANY HEADQUARTERS

T4	TEMP GENERAL INSTRUCTIONAL BUILDINGS
T5	TEMP APPLIED INSTRUCTIONAL BUILDINGS
T6	TEMP AVIATION UNIT MAINTENANCE HANGAR
T7	TEMP AVIATION UNIT MAINTENANCE HANGAR
T8	TEMP ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
T9	TEMP DS/GS VEHICLE MAINTENANCE SHOP
TA	TEMP SPECIAL PURPOSE MAINTENANCE SHOPS
TB	TEMP REPAIR AND OPERATION MAINTENANCE SHOPS
TC	TEMP AMMUNITION STORAGE FACILITIES
TD	TEMP COLD STORAGE FACILITIES
TE	TEMP GENERAL PURPOSE WAREHOUSE
TF	TEMP GENERAL PURPOSE WAREHOUSE
TG	TEMP GENERAL PURPOSE WAREHOUSE
TH	TEMP GENERAL PURPOSE WAREHOUSE
TI	TEMP HOSPITALS
TJ	TEMP DENTAL CLINICS
TK	TEMP HEALTH CLINICS
TL	TEMP GENERAL PURPOSE ADMINISTRATION
TM	TEMP (INVALID)
TN	TEMP FAMILY HOUSING
TO	TEMP (NOT USED)
TP	TEMP (NOT USED)
TQ	TEMP (NOT USED)
TR	TEMP (NOT USED)
TS	TEMP UNACOMPANIED PERSONNEL HOUSING, ENLISTED
TT	TEMP BASIC TRAINEE BARRACKS
TU	TEMP DINNING FACILITIES

TV	TEMP UNACOMPANIED PERSONNEL HOUSING, OFFICES
TW	TEMP FIRE STATION
TX	TEMP CONFINEMENTN FACILITY
TY	TEMP CHAPELS
TZ	TEMP (INVALID)
U1	TOTL ARTS & CRAFTS CENTER
U2	TOTL CONTINUING EDUCATION
U3	TOTL PHYSICAL FITNESS
U4	TOTL TRANSIENT HOUSING
U5	TOTL CONSOLIDATED OPEN DINNING
U6	TOTL (NOT USED)
U7	TOTL RETAIL STORE
U8	TOTL (NOT USED)
UA	TOTL GENERAL INSTRUCTIONAL BUILDINGS
UB	TOTL APPLIED INSTRUCTIONAL BUILDINGS
UC	TOTL AVIATION UNIT MAINTENANCE HANGAR
UD	TOTL ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
UE	TOTL DS/GS VEHICLE MAINTENANCE SHOP
UF	TOTL SPECIAL PURPOSE MAINTENANCE SHOPS
UG	TOTL REPAIR AND OPERATION MAINTENANCE SHOPS
UH	TOTL AMMUNITION STORAGE FACILITIES
UI	TOTL COLD STORAGE FACILITIES
UJ	TOTL GENERAL PURPOSE WAREHOUSE
UK	TOTL HOSPITALS
UL	TOTL DENTAL CLINICS
UM	TOTL HEALTH CLINICS

UN	TOTL GENERAL PURPOSE ADMINISTRATION
UC	TOTL UNACOMPANIED PERSONNEL HOUSING, ENLISTED
UP	TOTL BASIC TRAINEE BARRACKS
UQ	TOTL DINNING FACILITIES
UR	TOTL UNACOMPANIED PERSONNEL HOUSING, OFFICES
US	TOTL FIRE STATION
UT	TOTL CHAPELS
UU	TOTL LAUNDRY/DRY CLEANING FACILITY
UV	TOTL POST OFFICE
UW	TOTL AUDITORIUM/THEATER
UX	TOTL BOWLING CENTER
UY	TOTL CHILD SUPPORT CENTER
UZ	TOTL COMMISSARY

APPENDIX B:

CURRENT USE CODES AND GROUP CODES

Part A

Current Use Code	The F4C code given in AR 415-28 Facility Classes and Construction Categories
Description	Title of the group and current use codes
Group	Proposed new F4C groupings for facilities
Unit Cost IDs	Two characters that identify the correct unit cost table
Total	Includes all buildings within this category
Perm	Includes permanent and semipermanent buildings
Temp	Includes temporary buildings

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
14111	AF FIRE RSQ STA	73010	PS	PW	TW
14112	AVN OPS BLDG	21110	UN	P6	T6
14114	CIDC FIELD OP OFF	61050	UN	PL	TL
14125	RECPT STA PROCESS	61050	UN	PL	TL
14131	GEN PURPOSE	61050	UN	PL	TL
14133	SHIP & REC	44200	UJ	PE	TE
14140	CARE & PRES SH	44200	UJ	PE	TE
14150	BOX & CRATE SH	44200	UJ	PE	TE
14160	BL & BAND FAC	44200	UJ	PE	TE
14170	TRF DEPOT EXPLO	42100	UH	PC	TC
14180	SCALE HOUSE	61050	UN	PL	TL
14182	RGT/BDE HQ BLDG	14182	UN	UN	UN
14183	BN HQ BLDG	14183	UN	P2	T2
14184	GP HQ BLDG	14182	UN	UN	UN
14185	CO HQ BLDG	14185	UN	P3	T3
15610	CARGO FAC/BLDG	44200	UJ	PE	TE
17110	AC TRAINER BLDG	17130	UB	P5	T5
17110	FLT SIM BLDG	17130	UB	P5	T5
17115	BAND TNG BLDG	17130	UB	P5	T5
17120	GEN INST BLDG	17120	UA	P4	T4
17130	APPLIED INST BLDG	17130	UB	P5	T5
17131	POST SIG SCHOOL	17120	UA	P4	T4
17140	ARMY RES CENTER	17130	UB	P5	T5
17142	NG RES CTR BLDG	17130	UB	P5	T5
17150	BN CLASSROOMS	14183	UN	P2	T2
17151	BN ADMIN & CLRM	14183	UN	P2	T2
17160	TNG AIDS CENTER	44200	UJ	PE	TE
17174	LEARN RES CTR	17120	UA	P4	T4
17180	NG ARMORY	17130	UB	UN	UN
17182	TGT MOV SIM BLDG	17130	UB	P5	T5
17190	OTHERS	17130	UA	P4	T5
17901	BSC 25M FIRE RG	17900	UN	UN	UN
17902	AUTOMATED FLD FIRING RG	17900	UN	UN	UN
17903	AUTOMATED RECORD FIRE RG	17900	UN	UN	UN
17904	NIGHT FIRE RG	17900	UN	UN	UN
17905	AUTO RIFLE RG	17900	UN	UN	UN
17907	SNIPER TRN FLD FIRE RG	17900	UN	UN	UN
17908	TGT DETECT RG	17900	UN	UN	UN
17909	MG 10 METER RG	17900	UN	UN	UN
17910	MG TRANSITION RG	17900	UN	UN	UN
17911	MG M60 & M2 RG	17900	UN	UN	UN
17912	FIRING FROM MOVING APC	17900	UN	UN	UN
17913	HD GR FAMILIAR	17900	UN	UN	UN
17914	HD GR ACCURACY	17900	UN	UN	UN

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
17915	HD CR ASLT QUAL	17900	UN	UN	UN
17916	HD GR CONFIDEN	17900	UN	UN	UN
17917	GRENAD LCHR RG	17900	UN	UN	UN
17918	RECOIL RIFLE RG	17900	UN	UN	UN
17919	LT ANTIAR WP RG	17900	UN	UN	UN
17920	ANTIAR TRACK RG	17900	UN	UN	UN
17921	DEMO BT&LM AR	17900	UN	UN	UN
17922	FLAS & FLMTH RG	17900	UN	UN	UN
17923	MOUT CFT RG	17900	UN	UN	UN
17924	MORT SCAL TR RG	17900	UN	UN	UN
17925	MORTAR RANGE	17900	UN	UN	UN
17926	INF SQD BTL CSE	17900	UN	UN	UN
17927	INF PLT BTL CSE	17900	UN	UN	UN
17928	COMBT PISTOL RG	17900	UN	UN	UN
17929	SUBMACH GUN RG	17900	UN	UN	UN
17930	TK GNRV 1:30 AND 1:60	17900	UN	UN	UN
17931	TK GNRV 1:5 AND 1:10	17900	UN	UN	UN
17932	TK GNRV STATIONARY	17900	UN	UN	UN
17933	TK CREW CMBT FIRING CLS	17900	UN	UN	UN
17934	TK PLT BTL RUN	17900	UN	UN	UN
17936	GUNSHIP HARM RG	17900	UN	UN	UN
17937	AERIAL GUNNERY	17900	UN	UN	UN
17939	IMPACT AREA	17900	UN	UN	UN
17942	FLD ARTY FIRING RG	17900	UN	UN	UN
17943	AD ARTY FIRING RG	17900	UN	UN	UN
17945	FLD ART RG	17900	UN	UN	UN
17946	OPTIONAL RG'S	17900	UN	UN	UN
17950	COLLECTIVE TRN SITES	17900	UN	UN	UN
21110	MNT HANGAR AVUM	21110	UC	P6	T6
21111	NT MAINT HGR - AVIM	21111	UC	P7	T7
21112	MNT HANGAR COMB	21111	UC	P7	T7
21115	QUAL ASSUR FAC	21111	UC	P7	T7
21120	AC FLD MNT SHOP	21111	UC	P7	T7
21130	AC PAINT SHOP	21111	UC	P7	T7
21140	AC ENG TEST FAC	21111	UC	P7	T7
21190	OTHER	21111	UC	P7	T7
21407	NG VEH MAINT SHOP	21410	UD	P8	T8
21408	COMPT CLEAN FAC	21410	UD	P8	T8
21409	AR VEH MNT SHOP	21410	UD	P8	T8
21410	VEH MNT SH ORG	21410	UD	P8	T8
21420	VEH MNT SHOP DS	21420	UE	P9	T9
21430	VEH MNT SHOP GS	21420	UE	P9	T9
21435	REBD SH & FAC	21420	UE	P9	T9
21440	VEH C/REB DEP	21420	UE	P9	T9

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
21456	WASH FAC CEN	21456	UD	UD	UD
21457	PRE-WASH CEN	21456	UD	UD	UD
21458	ST CLEAN FAC	21456	UD	UD	UD
21459	OC&L FAC CONV	21456	UD	UD	UD
21470	OIL STORAGE BLG	21410	UD	P8	T8
21510	SM ARMS REP SH	21410	UD	P8	T8
21520	LIGHT GUN SHOP	21410	UD	P8	T8
21530	HEAVY GUN SHOP	21410	UD	P8	T8
21532	WEAPON QA FAC	21420	UE	P9	T9
21540	SP WPNS SHOP	21420	UE	P9	T9
21590	OTHER	21420	UE	P9	T9
21640	DUNNAGE BLDG	44200	UJ	PE	TE
21710	ELEC MNT SHOP	21410	UD	P8	T8
21712	ELC/CON CAL FAC	21410	UD	P8	T8
21722	E/C CLEAN FAC	21410	UD	P8	T8
21730	RADAR MNT SHOP	21420	UE	P9	T9
21732	E/C QUAL AS FAC	21420	UE	P9	T9
21740	AVIONICS MNT SHP	21110	UC	P6	T6
21790	OTHER	21420	UE	P9	T9
21815	NTOE SUP MNT SH	21800	UF	PA	TA
21850	BATTERY SHOP	21420	UE	P9	T9
21870	STH SPARE PARTS	21800	UF	PA	TA
21872	QUAL ASSUR FAC	21420	UE	P9	T9
21880	CML FLD MNT SH	21456	UD	UD	UD
21882	QM REPAIR SHOP	21800	UF	PA	TA
21883	MTL & WDWK SHOP	21800	UF	PA	TA
21884	AIR DEL EQP SH	21800	UF	PA	TA
21885	MNT SH GEN PURP	21800	UF	PA	TA
21886	VEHIL WASH SHOP	21800	UF	PA	TA
21887	OPT REPAIR SHOP	21800	UF	PA	TA
21888	CAN/LEATH SHOP	21800	UF	PA	TA
21889	CALIBRATION FAC	21800	UF	PA	TA
21910	FE MAINT SHOP	21900	UG	PB	TB
21912	TIMBR TREAT FAC	21900	UG	PB	TB
21920	FE FACILITY	21900	UG	PB	TB
21922	ENTOMOLOGY	21900	UG	PB	TB
41110	MARINE FUEL STRG	41100	NONE	NONE	NONE
41120	AVGAS STORAGE	41100	NONE	NONE	NONE
41121	JET FUEL STORAGE	41100	NONE	NONE	NONE
41130	DIESEL OIL STRG	41100	NONE	NONE	NONE
41140	GASOLINE STRG	41100	NONE	NONE	NONE
41170	LUBNT STR FAC	44240	UJ	PG	TG
41180	HEATING FUEL STRG	41100	NONE	NONE	NONE
41190	OTHER	42100	UH	PC	TC

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
42107	STRAND-NON ATOM	42100	UH	PC	TC
42110	FUSE DET MAG BK	42100	UH	PC	TC
42120	HI EXPLO MAG BK	42100	UH	PC	TC
42140	SMKEDRM STHS BK	42100	UH	PC	TC
42150	SMKLS PO MAG BK	42100	UH	PC	TC
42160	SP WPNS MAG BK	42100	UH	PC	TC
42170	GM MAGAZINE BK	42100	UH	PC	TC
42180	IGLOO STORAGE	42100	UH	PC	TC
42181	STOREHOUSE	44200	UJ	PE	TE
42182	SMALL ARMS MAG	42100	UH	PC	TC
42183	GEN PURPOSE MAG	42100	UH	PC	TC
42184	AMMO HUT	42100	UH	PC	TC
42190	OTHER	42100	UH	PC	TC
42210	FUSE DET MAG	42100	UH	PC	TC
42215	HIGH EXPLO MAG	42100	UH	PC	TC
42221	STL ARCH MAG BK	42100	UH	PC	TC
42225	SMOKEDRUM STRHS	42100	UH	PC	TC
42230	SM ARM PYRO MAG	42100	UH	PC	TC
42231	STOREHOUSE	44200	UJ	PE	TE
42235	READY MAGAZINE	42100	UH	PC	TC
42240	FIXED AMMO MAG	42100	UH	PC	TC
42250	SP WEAPONS MAG	42100	UH	PC	TC
42260	GM MAGAZINE	42100	UH	PC	TC
42280	IGLOO STORAGE	42100	UH	PC	TC
42281	AMMO HUT	42100	UH	PC	TC
42283	GEN PURP MAG	42100	UH	PC	TC
42285	UNIT SM ARM STR	42100	UH	PC	TC
42290	OTHER	42100	UH	PC	TC
42410	COLD STOR BTRY	43000	UI	PD	TD
43110	COLD STOR WHS	43000	UI	PD	TD
43111	COLD STOR EQUIP	43000	UI	PD	TD
43210	COLD STOR WHSE	43000	UI	PD	TD
43211	CSE I & R WHSE	43000	UI	PB	TD
43212	COLD STOR EQPT	43000	UI	PD	TD
43220	MEAT CUT PLANT	43000	UI	PD	TD
43230	REFRIG WH PERSH	43000	UI	PD	TD
43231	CSE I & R PERSH	43000	UI	PD	TD
43290	OTHER	44200	UJ	PE	TE
44110	GEN PURP WHSE	44200	UJ	PE	TE
44130	CONT HUMID WHSE	44230	UJ	PF	TF
44150	INFLAM MAT STHS	44240	UJ	PG	TG
44160	RADA STOR WHSE	42100	UH	PC	TC
44170	UG STORAGE FAC	44200	UJ	PE	TE
44180	OPEN WHSE FAC	44200	UJ	PE	TE

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
44181	VEHICLE STR FAC	44260	UJ	PH	TH
44210	AC PTS STR BLDG	21111	UC	P7	T7
44211	ACFT ACCT PTS STOR	21111	UC	P7	T7
44212	AC PTS & TOE ST	21110	UC	P6	T6
44215	OXY STORAGE FAC	44240	UJ	PG	TG
44217	ACETYL STOR FAC	44240	UJ	PG	TG
44219	STEEL STORE FAC	44200	UJ	PE	TE
44220	GEN PURPSE WHSE	44200	UJ	PE	TE
44221	TARGET STORAGE	44200	UJ	PE	TE
44222	STORAGE SHED	44200	UJ	PE	TE
44224	DEPLOY STGE BG	44200	UJ	PE	TE
44225	MED SUPPLY WHS	44230	UJ	PF	TF
44226	SUP MAINT WHSE	44200	UJ	PE	TE
44228	INSECTICIDE STR	41100	NONE	NONE	NONE
44230	CONT HUMID WHSE	44230	UJ	PF	TF
44240	INFLAM MAT STHS	44240	UJ	PG	TG
44245	AC INFLAM STORE	44240	UJ	PG	TG
44250	WG STORAGE FAC	44200	UJ	PE	TE
44260	TRANSIT SHED	44260	UJ	PH	TH
44261	LUM & P SHED FE	44200	UJ	PE	TE
44262	VEHICLE STORAGE	44260	UJ	PH	TH
44270	GEN STOREHOUSE	44200	UJ	PE	TE
44271	GEN STOR FH	44200	UJ	PE	TE
44275	FE STOREHOUSE	44200	UJ	PE	TE
44276	STR MAT HAND EQ	44200	UJ	PE	TE
44280	OPEN WAREHOUSE	44200	UJ	PE	TE
44285	SALV & SUR PROP	44200	UJ	PE	TE
44286	DIV BRKD BLDG	44230	UJ	PE	TF
51010	HOSPITAL	51010	UK	PI	TI
51020	HOSPITAL CLINIC	51010	UK	PI	TI
51090	OTHER	51010	UK	PI	TI
53020	LABORATORY	51010	UK	PI	TI
53030	MORGUE	51010	UK	PI	TI
54010	DENTAL CLINIC	54010	UL	PJ	TJ
54090	OTHER	54010	UL	PJ	TJ
55010	CLINIC W/O BDS	55010	UM	PK	TK
55020	CLINIC WITH BEDS	55010	UM	PK	TK
55030	H/D CI W/O BDS	55010	UM	PK	TK
55040	H/D CI WTH BDS	55010	UM	PK	TK
55090	OTHER	55010	UM	PK	TK
61011	POST HEADQUARTERS	61050	UN	PL	TL
61012	DIVISION HEADQUARTERS	61050	UN	PL	TL
61018	ARMY HEADQUARTERS	61050	UN	PL	TL
61020	CHEMICAL	61050	UN	PL	TL

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
61021	ENGINEER	61050	UN	PL	TL
61022	ORDNANCE	61050	UN	PL	TL
61023	SUPPLY SERVICE	61050	UN	PL	TL
61024	SIGNAL	61050	UN	PL	TL
61025	MEDICAL	61050	UN	PL	TL
61026	TRANSPORTATION CO	61050	UN	PL	TL
61027	FINANCE	61050	UN	PL	TL
61028	PROVOST & MP	61050	UN	PL	TL
61030	EXCHANGE	61050	UN	PL	TL
61031	AUTODATA PROCESS	61050	UN	PL	TL
61040	CIVILIAN PERSONNEL	61050	UN	PL	TL
61041	MILITARY PERSONNEL	61050	UN	PL	TL
61050	GEN PURP ADMIN	61050	UN	PL	TL
61060	R&D ACTIVITIES	61050	UN	PL	TL
61061	DETACH OFF, FHSG	61050	UN	PL	TL
61065	TECHNICAL LIBRARY	61050	UN	PL	TL
61090	OTHER	61050	UN	PL	TL
62010	UNDERGROUND	61050	UN	PL	TL
71111	GENERAL	71100	FT	PN	TN
71112	COLONEL	71100	FT	PN	TN
71113	LTC/MAJOR	71100	FT	PN	TN
71114	COM GRD/WO	71100	FT	PN	TN
71115	NCO/ENLISTED	71100	FT	PN	TN
71116	CIV/GS16-GS18	71100	FT	PN	TN
71117	CIV/GS12-GS15	71100	FT	PN	TN
71118	CIV/GS7-GS11	71100	FT	PN	TN
71119	CIV/GS5-GS6	71100	FT	PN	TN
71121	GENERAL	71100	FT	PN	TN
71122	COLONEL	71100	FT	PN	TN
71123	LTC/MAJOR	71100	FT	PN	TN
71124	COM GRD/WO	71100	FT	PN	TN
71125	NCO/ENLISTED	71100	FT	PN	TN
71126	CIV/GS16-GS18	71100	FT	PN	TN
71127	CIV/GS12-GS11	71100	FT	PN	TN
71128	CIV/GS7-GS11	71100	FT	PN	TN
71129	CIV/GS5-GS6	71100	FT	PN	TN
71131	GENERAL	71100	FT	PN	TN
71132	COLONEL	71100	FT	PN	TN
71133	LTC/MAJOR	71100	FT	PN	TN
71135	NCO/ENLISTED	71100	FT	PN	TN
71136	CIV/GS16-GS18	71100	FT	PN	TN
71137	CIV/GS12-GS15	71100	FT	PN	TN
71138	CIV/GS7-GS11	71100	FT	PN	TN
71139	CIV/GS5-GS6	71100	FT	PN	TN

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
71141	GENERAL	71100	FT	PN	TN
71142	COLONEL	71100	FT	PN	TN
71143	LTC/MAJOR	71100	FT	PN	TN
71144	COM GRD/WO	71100	FT	PN	TN
71145	NCO/ENLISTED	71100	FT	PN	TN
71146	CIV/GS16-GS18	71100	FT	PN	TN
71147	CIV/GS12-GS15	71100	FT	PN	TN
71148	CIV/GS7-GS11	71100	FT	PN	TN
71149	CIV/GS5-GS6	71100	FT	PN	TN
71160	CIV/UNDESIG	71100	FT	PN	TN
71190	OTHER	71100	FT	PN	TN
72110	ENL BRKS W/MESS	72100	UO	PS	TS
72111	ENL BRKS (UPH)	72100	UO	PS	TS
72112	ENL BRKS W/AS	72100	UO	PS	TS
72113	ENL BRKS W/D&AS	72100	UO	PS	TS
72114	ENL BRKS AN TRN	72114	UO	UO	UO
72115	ENL BRKS MOB	72181	UP	PT	TT
72140	CIV DORMITORY	72100	UO	PS	TS
72150	DETENTION BRKS	73015	HA	PX	TX
72180	SR ENL QTRS	72100	UO	PS	TS
72181	TRAINEE BRKS	72200	UQ	PU	TU
72190	UNDEFINED	72114	UO	UO	UO
72210	ENL DIN FAC	72200	UQ	PU	TU
72220	OFF DIN FAC	72200	UQ	PU	TU
72290	UNDEFINED	72400	UR	PV	TV
72330	ADM & SUP BLDG	14185	UN	P3	T3
72410	UPH OFF BRKS	72400	UR	PV	TV
72411	UPH OFF BRKS	72400	UR	PV	TV
72415	UPH OFF BRKS	72400	UR	PV	TV
72430	UPH CIV BRKS	73010	PS	PW	TW
73010	COMMUNITY FIRE STATION	73015	HA	PX	TX
73014	CORRECTIONAL FAC	73015	HA	PX	TX
73015	CONFINEMENT FACILITY	73020	UT	PY	TY
73016	POLICE STATION	61050	UN	PL	TL
73017	CHAPEL	73020	UT	PY	TY
73018	RELIG ED FAC	73020	UT	PY	TY
73019	UNIT CHAP	73020	UT	PY	TY
73020	CHAPEL CENTER FAC	73030	UU	GO	SO
73030	LAUNDRY/DRY CLEANING FAC		UU	GO	SO
73031	KINDERGARTEN	73030	UU	GO	SO
73031	DRYCLEANING FAC	73030	UU	GO	SO
73036	REC BILLETS	74032	U4	QC	SC
73044	JR HIGH SCHOOL	73049	UN	Q2	S2
73045	NURSERY	74014	UY	Q7	S7

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
73046	DEPENDENT HIGH SCHOOL	73049	UN	Q2	S2
73047	DEPENDENT GRADE SCHOOL	73048	UN	G1	S1
73048	MIDDLE SCHOOL	73048	UN	G1	S1
73049	BRANCH POST OFFC	73049	UN	Q2	S2
73072	POST OFFICE	73073	UV	Q4	S4
73073	AUDITORIUM/THEATER FAC	73073	UV	Q4	S4
74003	AUDIO/PHOTO CLUB	74022	U1	Q9	S9
74008	BILLIARDS FAC	74069	U3	U3	U3
74010	ENTERTAINMENT WORKSHOP	74010	UW	Q5	S5
74011	BOWLING CENTER	74011	UX	Q6	S7
74012	CAFETERIA	74064	U5	U5	U5
74013	CANTEEN	74064	U5	U5	U5
74015	CIVILIAN CLUB	74046	U5	QF	SF
74020	EXCH CLOTHING ST	74053	U7	QH	SH
74021	COMMISSARY	74021	UZ	Q8	S8
74022	ARTS & CRAFTS CENTER	74022	U1	Q9	S9
74023	CREDIT UNION	61050	UN	PL	TL
74024	AUTO CRAFTS CENTER	74024	U7	U7	U7
74025	CONT EDUCATION FAC	74025	U2	QA	SA
74026	DRAMA CENTER	74010	UW	Q5	S5
74027	MUSIC CENTER	74010	UW	QS	S5
74028	PHYSICAL FITNESS CENTER	74028	U3	QB	SB
74032	TRANSIENT HOUSING FAC	74032	U4	QC	SC
74033	COMMUNITY SVCS CTR (ACS)	74033	U7	QD	SD
74034	PHYS FITNESS CTR/GYM	74028	U3	QB	SB
74035	O/S TRANS BILLET	74032	U4	QC	SC
74037	AUTO CRAFTS ANNEX	74024	U7	U7	U7
74040	LIBRARY BRNCH	74041	U7	QD	SD
74041	LIBRARY FACILITY	74041	U7	QD	SD
74043	THEATER W/DRSRM	74010	UW	Q5	S5
74044	LIBRARY SVC CTR	74041	U7	QD	SD
74046	CONSOLIDATED OPEN DIN FAC	74046	U5	QF	SF
74047	NCO OPEN DINING FAC	74046	U5	QF	SF
74048	OFF OPEN DIN FAC	74046	U5	QF	SF
74050	EXCH BRANCH	74053	U7	QH	SH
74051	EXCH CAFETERIA	74064	U5	U5	U5
74052	EXCHANGE AUTO SERVICE STA	74052	U6	QG	S6
74053	COMMUNITY RETAIL STORE	74053	U7	QH	SH
74055	EXCH WAREHOUSE	44230	UJ	PF	TF
74056	EXCH SVC OUTLET	74053	U7	QH	SH
74057	EXCH SUPT FAC	74053	U7	QH	SH
74060	LUNCH ROOM	74064	U5	U5	U5
74062	SNACK BAR	74064	U5	U5	U5
74064	RESTAURANT/CAFETERIA	74064	U5	U5	U5

**UNIT COST TABLES
BY FUNCTION**

<u>Current Use Code</u>	<u>Description</u>	<u>Group</u>	<u>Total</u>	<u>Perm</u>	<u>Temp</u>
74065	MOR SUPT ACT OFF	74069	U3	U3	U3
74066	YOUTH CENTER	74066	U3	U3	U3
74067	ROD/GUN CLUB	74069	U3	U3	U3
74068	RECREATIONAL ACTIV CTR	74069	U3	U3	U3
74069	RECREATION BLDG	74069	U3	U3	U3
74071	FED CROSS BLDG	61050	UN	PL	TL
74072	INDOOR SWIM POOL	74028	U3	QS	SB
74074	SCOUT BLDG	74069	U3	U3	U3
74076	THEATER	74010	UW	Q5	S5
74077		74010	UW	QS	S5
74078	THRIFT SHOP	74053	U7	QH	SH
74081	SELF SV SUP CTR	44230	UJ	PF	TF
74084	CLASS VI STORE	74053	U7	QH	SH
74086	HANDBALL CTS (ID)	74028	U3	QB	SB
77014	CHILD SUPPORT CENTER	74014	UY	Q7	S7
77120	ENL BRKS TRANS	72100	UO	PS	TS
77134	COM GRD/WO	71100	FT	PN	TN

APPENDIX C:

LOCATION ADJUSTMENT FACTOR

State	Name of the state within the United States
Location	City name or state average
ACF index	Location adjustment cost factor

Geographic Location Adjustment Factors

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
Alabama	State Average	0.86
	Birmingham	0.96
	Mobile	0.86
	Montgomery	0.76
	Anniston Army Depot	0.81
	Huntsville	0.88
	Fort McClellan	0.80
	Redstone Arsenal	0.88
	Fort Rucker	0.80
	State Average	2.25
Alaska	Anchorage	1.92
	Delta Junction	2.70
	Fairbanks	2.13
	Adak	3.88
	Aleutian Islands	3.86
	Anchorage NSGA	1.92
	Barrow	4.18
	Burnt Mtn.	6.86
	Clear	3.10
	Eielson AFB	2.13
	Elmendorf AFB	1.92
	Galena	3.73
	Fort Greely	2.70
	Fort Richardson	1.92
	Fort Wainwright	2.13
	State Average	1.02
	Flagstaff	1.02
Arizona	Phoenix	0.99
	Tucson	1.05
	Fort Huachuca	1.22
	Yuma Proving Ground	1.31
	Yuma	1.31
	State Average	0.89
	Pine Bluff	0.93
Arkansas	Little Rock	0.83
	Fort Smith	0.92
	Fort Chaffee	0.92
	Pine Bluff Arsenal	0.93
	State Average	1.21
California	Los Angeles	1.20
	San Diego	1.18
	San Francisco	1.25

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
California (Cont'd)	Beale	1.28
	Bridgeport NWTC	1.27
	Castle	1.13
	Centerville Beach	1.32
	Desert Area	1.18
	Edwards AFB	1.30
	El Centro	1.27
	George AFB	1.31
	Fort Hunter Liggett	1.29
	Fort Irwin	1.20
	Le Moore NAS	1.20
	March AFB	1.18
	Mather AFB	1.17
	McClellan AFB	1.17
	Monterey Area	1.23
	Presidio of Monterey	1.23
	Norton AFB	1.16
	Oakland Army Base	1.33
	Fort Ord	1.24
	Hueneme Area	1.20
	Riverside	1.18
	Sacramento	1.15
	Sacramento Army Depot	1.15
	Presidio of San Francisco	1.25
	San Nicholas Island	2.59
	Sharpe Army Depot	1.13
	Sierra Army Depot	1.33
	Stockton	1.15
	Travis AFB	1.27
	Vandenburg AFB	1.38
Colorado	State Average	0.98
	Colorado Springs	0.94
	Denver	1.04
	Pueblo	0.96
	Fort Carson	1.01
	Fitzsimmons AMC	1.06
	Pueblo Army Depot	0.96
	Peterson AFB	0.94
	Rocky Mountain Arsenal	1.06
	State Average	1.13
Connecticut	Bridgeport	1.16
	Hartford	1.10
	New London	1.14
Delaware	State Average	0.99
	Dover	1.04
	Lewes	0.98
	Milford	0.96

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
Delaware (Cont'd)	Lewes NF	1.04
	Dover AFB	1.04
	Washington	1.03
District of Columbia	Fort McNair	1.03
	Walter Reed AMC	1.03
Florida	State Average	0.89
	Miami	0.95
	Panama City	0.92
	Tampa	0.79
	Cape Canaveral	0.96
	Cape Kennedy	0.96
	Gulf Coast	0.85
	Homestead AFB	0.88
	Homestead	0.88
	Jacksonville Area	0.85
	Key West NAS	1.08
	Orlando	0.80
	Pensacola Area	0.85
	McDill AFB	0.77
	Eglin AFB	0.77
	Tyndall AFB	0.92
	State Average	0.80
	Albany	0.82
	Atlanta	0.87
	Macon	0.70
	Athens	0.90
Atlanta-Marietta	0.93	
Fort Benning	0.71	
Columbus	0.87	
Fort Gillem	0.94	
Fort Gordon	0.93	
Kings Bay	0.87	
Fort McPherson	0.84	
Fort Stewart	1.28	
Hawaii	State Average	1.29
	Hawaii	1.27
	Honolulu	1.29
	Maui	1.27
	Alimanu	1.34
	Barbars Point NAS	1.27
	Fort Debussy	1.34
	EWA Beach Area	1.34
	Helemanc	1.27
	Hickam Army Air Field	1.34
	Kaneohe MCAS	1.27
	Moanalua	1.27
Pearl City	1.27	

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
Hawaii (Cont'd)	Pearl Harbor	1.27
	Pohakuloa	1.32
	Schofield Barracks	1.27
	Fort Shafter	1.27
	Tripler AMC	1.27
	Wheeler Army Air Field	1.34
	State Average	1.11
Idaho	Boise	1.05
	Idaho Falls	1.08
	Mountain Home	1.19
	Mountain Home AFB	1.20
	State Average	1.03
Illinois	State Average	0.96
	Belleville	1.09
	Chicago	1.03
	Rock Island	1.06
	Rock Island Arsenal	0.96
	St. Louis Support Ctr	1.05
	Savannah Army Depot	1.03
	Scott AFB	1.10
	Fort Sheridan	0.99
	State Average	1.03
	Indianapolis	0.99
	Logansport	0.94
	Madison	1.07
	Fort Benjamin Harrison	1.10
Indiana	Crane	1.10
	Crane AAP	1.06
	Grissom AFB	1.02
	Indiana AAP	0.94
	Jefferson Proving Ground	1.02
	State Average	1.04
	Burlington	0.98
	Cedar Rapids	1.05
	Des Moines	1.06
	Iowa AAP	0.94
Iowa	State Average	0.97
	Manhattan	0.96
	Topeka	0.88
	Wichita	0.94
	Kansas AAP	0.94
	Fort Leavenworth	0.97
	Fort Riley	0.97
	Sunflower AAP	0.96
	State Average	0.99
	Bowling Green	0.96
Kentucky	Lexington	0.93
	Louisville	

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
Kentucky (Cont'd)	Fort Campbell	0.93
	Fort Knox	0.99
	Lexington/Bluegrass Army Depot	1.06
	Louisville NAS	0.93
Louisiana	State Average	0.92
	Alexandria	0.87
	New Orleans	0.94
	Shreveport	0.94
	Barksdale AFB	0.94
	England AFB	0.87
	Gulf Outport New Orleans	0.94
	Louisiana AAP	0.94
	Fort Polk	0.94
	State Average	0.93
Maine	Bangor	0.85
	Caribou	0.99
	Portland	0.94
	Brunswick	0.93
	Cutler	0.98
	Northern Area	1.17
	Winter Harbor	0.98
	State Average	0.97
	Baltimore	0.95
	Fredrick	0.94
Maryland	Lexington Park	1.01
	Aberdeen Proving Ground	0.94
	Annapolis	1.03
	Fort Detrick	0.94
	Harry Diamond Lab	1.00
	Fort Meade	0.95
	Patuxent River Area	1.08
	Fort Ritchie	0.90
	State Average	1.10
	Boston	1.13
	Fitchburg	1.08
	Springfield	1.08
	Army Mils & Mech Research Ctr	1.13
Massachusetts	Fort Devens	1.15
	Natick Research & Development Ctr	1.13
	South Weymouth	1.13
	State Average	1.06
	Bay City	1.02
	Detroit	1.14
	Marquette	1.03
	Detroit Arsenal	1.14
	Northern Area	1.25
	Republic (Elfcom)	1.10
Michigan		

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
Michigan (Cont'd)	Selfridge AFB	1.14
Minnesota	State Average	1.08
	Duluth	1.05
	Minneapolis	1.09
	St. Cloud	1.10
	Twin Cities AAP	1.09
Mississippi	State Average	0.84
	Biloxi	0.87
	Columbus	0.81
	Jackson	0.84
	Columbus AFB	0.81
	Gulfport Area	0.87
	Meridian	0.92
Missouri	State Average	0.92
	Kansas City	0.92
	St. Louis	0.99
	Rolla	0.85
	Lake City AAP	0.93
	Fort Leonard Wood	0.91
Montana	State Average	1.15
	Billings	1.15
	Butte	1.18
	Great Falls	1.12
	Malmstrom AFB	1.12
Nebraska	State Average	1.03
	Grand Island	1.00
	Lincoln	1.05
	Omaha	1.05
	Offutt AFB	1.05
Nevada	State Average	1.18
	Hawthorne	1.26
	Las Vegas	1.13
	Reno	1.15
	Fallon	1.28
	Hawthorne AAP	1.26
	Nellis AFB	1.13
New Hampshire	State Average	1.09
	Concord	1.06
	Nashua	1.06
	Portsmouth	1.14
	Cold Regions Research Lab	1.17
New Jersey	State Average	1.08
	Newark	1.11
	Red Bank	1.08
	Trenton	1.06
	Bayonne	1.10
	Bayonne Mil Ocean Term	1.09

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
New Jersey (Cont'd)	Fort Dix	1.03
	Earle	1.10
	Lakehurst	1.05
	Fort Monmouth	1.09
	Picatinny Arsenal	1.20
New Mexico	State Average	1.03
	Alamogordo	0.99
	Albuquerque	1.03
	Gallup	1.06
	Holloman AFB	1.05
	Kirtland AFB	1.03
	White Sands Missile Range	1.09
	Fort Wingate	1.06
	State Average	1.12
	Albany	1.07
New York	New York City	1.24
	Syracuse	1.05
	Brooklyn	1.24
	Fort Drum	1.18
	Fort Hamilton	1.24
	Seneca Army Depot	1.15
	U.S. Military Academy	1.17
	Watervliet Arsenal	1.07
	State Average	0.76
	Fayetteville	0.76
	Greensboro	0.75
	Wilmington	0.78
	Fort Bragg	0.76
North Carolina	Camp Lejeune Area	0.86
	Cherry Point	0.86
	Goldsboro	0.77
	Pope AFB	0.82
	Seymour AFB	0.77
	Sunny Point Mil Ocean Term	0.78
	State Average	1.03
	Bismarck	1.02
	Grand Forks	0.98
	Minot	1.10
	Grand Forks AFB	0.98
	Stanley R. Hicklesen CPX	1.03
	Minot AFB	1.12
Ohio	State Average	1.00
	Columbus	1.03
	Dayton	0.98
	Youngstown	0.99
	Cleveland	1.14
	Wright-Patterson AFB	0.98

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
Oklahoma	State Average	0.93
	Lawton	0.90
	McAlester	0.91
	Oklahoma City	0.98
	Altus AFB	0.94
	Enid	1.01
	McAlester AAP	0.91
	Fort Sill	0.90
Oregon	State Average	1.05
	Pendleton	1.08
	Portland	1.07
	Salem	0.99
	Charleston	1.11
	Coos Head	1.08
	Umatilla Army Depot	1.18
Pennsylvania	State Average	1.00
	Harrisburg	0.91
	Philadelphia	1.05
	Pittsburgh	1.04
	Carlisle Barracks	0.93
	New Cumberland Army Depot	0.91
	Fort Indiantown Gap	1.07
	Letterkenny Army Depot	1.07
	Mechanicsburg Area	0.91
	Tobyhanna Army Depot	1.14
Rhode Island	Warminster Area	1.04
	State Average	1.11
	Bristol	1.13
	Newport	1.11
	Providence	1.10
	Davisville	1.17
	State Average	0.82
South Carolina	Charleston	0.81
	Columbia	0.82
	Myrtle Beach	0.84
	Beaufort Area	0.89
	Charleston AFB	0.81
	Fort Jackson	0.82
	Sumter	0.80
	State Average	0.95
South Dakota	Aberdeen	0.95
	Sioux Falls	0.94
	Rapid City	0.96
	Ellsworth AFB	0.98
	State Average	0.84
Tennessee	Chattanooga	0.86
	Kingsport	0.72

<u>State</u>	<u>Location</u>	<u>ACF Index</u>
Tennessee (Cont'd)	Memphis	0.95
	Arnold AFB	0.90
	Milan AAP	0.98
	Holston AAP	0.71
Texas	State Average	0.85
	San Angelo	0.76
	San Antonio	0.86
	Fort Worth	0.93
	Fort Bliss	0.96
	Carswell AFB	0.93
	Chase Field - Beeville	0.97
Texas (Cont'd)	Corpus Christi Army Depot	0.92
	Corpus Christi	0.92
	Dallas	0.93
	Dyess AFB	0.94
	Fort Hood	0.89
	Kingsville	0.99
	Red River Army Depot	0.78
	Fort Sam Houston	0.86
	William Beaumont AMC	0.96
	Bergstrom AFB	0.95
	Brooks AFB	0.86
	Randolph AFB	0.86
	Kelly AFB	0.86
	Lackland AFB	0.86
Utah	State Average	1.03
	Ogden	1.05
	Salt Lake City	1.00
	Tooele	1.06
	Dugway Proving Ground	1.03
	Hill AFB	1.07
	Tooele Army Depot	1.05
Vermont	State Average	0.99
	Burlington	1.00
	Montpelier	1.00
	Rutland	0.96
Virginia	State Average	0.95
	Norfolk	0.95
	Radford	0.95
	Richmond	0.94
	Arlington	1.04
	Arlington Hall Station	1.04
	Arlington National Cemetery	1.04
	Fort Belvoir	1.04
	Cameron Station	1.04
	Dahlgren	1.10
	Fort Eustis	0.96

<u>State</u>	<u>Location</u>	<u>ACF Index</u>	
Virginia (Cont'd)	Humphreys Engineer Center	1.03	
	Fort A. P. Hill	0.92	
	Fort Lee	0.93	
	Fort Monroe	0.94	
	Fort Myer	1.03	
	Norfolk-Newport News Area	0.95	
	Fort Pickett	0.98	
	Quantico	1.03	
	Nadford AAP	1.02	
	Port Story	0.95	
	Vint Hill Farms Station	1.08	
	State Average	1.09	
	Washington	Spokane	1.08
		Tacoma	1.07
Yakima		1.11	
Fairchild AFB		1.13	
Jim Creek		1.34	
Fort Lewis		1.07	
Pacific Beach		1.27	
Puget Sound Area		1.15	
Seattle Area		1.12	
Widbey Island		1.12	
Yakima Firing Center		1.18	
State Average		0.95	
West Virginia		Bluefield	0.92
		Clarksburg	0.95
	Charleston	0.99	
	Sugar Grove	1.15	
	State Average	1.06	
	Wisconsin	LaCrosse	1.04
Madison		1.02	
Milwaukee		1.13	
Badger AAP		1.06	
Clam Lake		1.20	
Fort McCoy		1.11	
State Average		1.08	
Wyoming		Casper	1.07
	Cheyenne	1.10	
	Laramie	1.08	
	F. F. Warren AFB	1.10	

APPENDIX D:

FUNCTIONAL GROUP UNIT COST TABLES

Part A

Unit Cost ID Code	Two characters that identify the correct unit cost table
Description	Title of the group and current use codes

Part B

Code Id	Two characters that identify the correct unit cost table and the title of the group current use codes
Unit cost special condition multiplier	This factor will adjust all cost figures given in the table
Annual recurring maintenance factor	This is the cost per square foot for nonreplacement tasks and nonhigh-cost tasks
MRT for major cost tasks and replacement tasks	This is the cost per square foot per year for all replacement and high cost tasks
Decade	The left digit of a two digit building age
Age	The right digit of a two digit building age

UNIT COST ID CODE	DESCRIPTION
FA	TOTL FAMILY HOUSING (UPTO 1950)
FB	TOTL FAMILY HOUSING (1951 ON)
FC	TOTL FAMILY HOUSING (CAPEHART)
FW	TOTL FAMILY HOUSING (WHERRY)
P0	PERM LAND OPERATIONAL BUILDINGS
P1	PERM REGIMENTAL/BRIGADE HQ
P2	PERM BATTALION HEADQUARTERS
P3	PERM COMPANY HEADQUARTERS
P4	PERM GENERAL INSTRUCTIONAL BUILDINGS
P5	PERM APPLIED INSTRUCTIONAL BUILDINGS
P6	PERM AVIATION UNIT MAINTENANCE HANGAR
P7	PERM AVIATION UNIT MAINTENANCE HANGAR
P8	PERM ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
P9	PERM DS/GS VEHICLE MAINTENANCE SHOP
PA	PERM SPECIAL PURPOSE MAINTENANCE SHOPS
PB	PERM REPAIR AND OPERATION MAINTENANCE SHOPS
PC	PERM AMMUNITION STORAGE FACILITIES
PD	PERM COLD STORAGE FACILITIES
PE	PERM GENERAL PURPOSE WAREHOUSE
PF	PERM GENERAL PURPOSE WAREHOUSE
PG	PERM GENERAL PURPOSE WAREHOUSE
PH	PERM GENERAL PURPOSE WAREHOUSE
PI	PERM HOSPITALS
PJ	PERM DENTAL CLINICS
PK	PERM HEALTH CLINICS

PL	PERM GENERAL PURPOSE ADMINISTRATION
PM	PERM (INVALID)
PN	PERM FAMILY HOUSING
PO	PERM (NOT USED)
PP	PERM (NOT USED)
PQ	PERM (NOT USED)
PR	PERM (NOT USED)
PS	PERM UNACOMPANIED PERSONNEL HOUSING, ENLISTED
PT	PERM BASIC TRAINEE BARRACKS
PU	PERM DINNING FACILITIES
PV	PERM UNACOMPANIED PERSONNEL HOUSING, OFFICES
PW	PERM FIRE STATION
PX	PERM COMMUNITY FACILITY
PY	PERM CHAPELS
Q0	PERM LAUNDRY/DRY CLEANING FACILITY
Q1	PERM GENERAL PURPOSE ADMINISTRATION
Q2	PERM GENERAL PURPOSE ADMINISTRATION
Q3	PERM DECONTAMINATION FACILITY
Q4	PERM POST OFFICE
Q5	PERM AUDITORIUM/THEATER
Q6	PERM BOWLING CENTER
Q7	PERM CHILD SUPPORT CENTER
Q8	PERM COMMISSARY
Q9	PERM ARTS & CRAFTS CENTER
QA	PERM CONTINUING EDUCATION
QB	PERM PHYSICAL FITNESS
QC	PERM TRANSIENT HOUSING

QD	PERM COMMUNITY SVCSCTR(ACS)
QE	PERM LIBRARY
QF	PERM CONSOLIDATED OPEN DINNING
QG	PERM EXCHANGE AUTO SERVICE STATION
QH	PERM RETAIL STORE
S0	TEMP LAUNDRY/DRY CLEANING FACILITY
S1	TEMP GENERAL PURPOSE ADMINISTRATION
S2	TEMP GENERAL PURPOSE ADMINISTRATION
S3	TEMP DECONTAMINATION FACILITY
S4	TEMP POST OFFICE
S5	TEMP AUDITORIUM/THEATER
S6	TEMP BOWLING CENTER
S7	TEMP CHILD SUPPORT CENTER
S8	TEMP COMMISSARY
S9	TEMP ARTS & CRAFTS CENTER
SA	TEMP CONTINUING EDUCATION
SB	TEMP PHYSICAL FITNESS
SC	TEMP TRANSIENT HOUSING
SD	TEMP COMMUNITY SVCSCTR(ACS)
SE	TEMP LIBRARY
SF	TEMP CONSOLIDATED OPEN DINNING
SG	TEMP EXCHANGE AUTO SERVICE STATION
SH	TEMP RETAIL STORE
T0	TEMP LAND OPERATIONAL BUILDINGS
T1	TEMP REGIMENTAL/BRIGADE HQ
T2	TEMP BATTALION HEADQUARTERS
T3	TEMP COMPANY HEADQUARTERS

T4	TEMP GENERAL INSTRUCTIONAL BUILDINGS
T5	TEMP APPLIED INSTRUCTIONAL BUILDINGS
T6	TEMP AVIATION UNIT MAINTENANCE HANGAR
T7	TEMP AVIATION UNIT MAINTENANCE HANGAR
T8	TEMP ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
T9	TEMP DS/GS VEHICLE MAINTENANCE SHOP
TA	TEMP SPECIAL PURPOSE MAINTENANCE SHOPS
TB	TEMP REPAIR AND OPERATION MAINTENANCE SHOPS
TC	TEMP AMMUNITION STORAGE FACILITIES
TD	TEMP COLD STORAGE FACILITIES
TE	TEMP GENERAL PURPOSE WAREHOUSE
TF	TEMP GENERAL PURPOSE WAREHOUSE
TG	TEMP GENERAL PURPOSE WAREHOUSE
TH	TEMP GENERAL PURPOSE WAREHOUSE
TI	TEMP HOSPITALS
TJ	TEMP DENTAL CLINICS
TK	TEMP HEALTH CLINICS
TL	TEMP GENERAL PURPOSE ADMINISTRATION
TM	TEMP (INVALID)
TN	TEMP FAMILY HOUSING
TO	TEMP (NOT USED)
TP	TEMP (NOT USED)
TQ	TEMP (NOT USED)
TR	TEMP (NOT USED)
TS	TEMP UNACCOMPANIED PERSONNEL HOUSING, ENLISTED
TT	TEMP BASIC TRAINEE BARRACKS
TU	TEMP DINNING FACILITIES

TV	TEMP UNACOMPANIED PERSONNEL HOUSING, OFFICES
TW	TEMP FIRE STATION
TX	TEMP CONFINEMENTN FACILITY
TY	TEMP CHAPELS
TZ	TEMP (INVALID)
U1	TOTL ARTS & CRAFTS CENTER
U2	TOTL CONTINUING EDUCATION
U3	TOTL PHYSICAL FITNESS
U4	TOTL TRANSIENT HOUSING
U5	TOTL CONSOLIDATED OPEN DINNING
U6	TOTL (NOT USED)
U7	TOTL RETAIL STORE
U8	TOTL (NOT USED)
UA	TOTL GENERAL INSTRUCTIONAL BUILDINGS
UB	TOTL APPLIED INSTRUCTIONAL BUILDINGS
UC	TOTL AVIATION UNIT MAINTENANCE HANGAR
UD	TOTL ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
UE	TOTL DS/GS VEHICLE MAINTENANCE SHOP
UF	TOTL SPECIAL PURPOSE MAINTENANCE SHOPS
UG	TOTL REPAIR AND OPERATION MAINTENANCE SHOPS
UH	TOTL AMMUNITION STORAGE FACILIT_ES
UI	TOTL COLD STORAGE FACILITIES
UJ	TOTL GENERAL PURPOSE WAREHOUSE
UK	TOTL HOSPITALS
UL	TOTL DENTAL CLINICS
UM	TOTL HEALTH CLINICS

UN	TOTL GENERAL PURPOSE ADMINISTRATION
UO	TOTL UNACOMPANIED PERSONNEL HOUSING, ENLISTED
UP	TOTL BASIC TRAINEE BARRACKS
UQ	TOTL DINNING FACILITIES
UR	TOTL UNACOMPANIED PERSONNEL HOUSING, OFFICES
US	TOTL FIRE STATION
UT	TOTL CHAPELS
UU	TOTL LAUNDRY/DRY CLEANING FACILITY
UV	TOTL POST OFFICE
UW	TOTL AUDITORIUM/THEATER
UX	TOTL BOWLING CENTER
UY	TOTL CHILD SUPPORT CENTER
UZ	TOTL COMMISSARY

Code ID FA TOTL FAMILY HOUSING (UPTO 1950)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.10
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.050	.190	.240	.300	.280
1	.530	.440	.360	.470	.560	.600	.570	.660	.620	.450
2	.400	.530	.520	.450	.480	.790	.620	.690	.820	.870
3	.980	1.130	1.060	.960	.850	.530	.680	.700	.750	.710
4	.880	.700	.820	1.000	1.040	.890	.930	1.020	1.000	.930
5	.890	1.080	.880	.870	.950	1.170	1.000	1.360	1.330	1.350
6	1.580	1.510	1.700	1.250	1.620	.970	1.260	1.330	1.410	1.300
7	1.590	2.210	1.740	1.480	1.770	1.520	1.450	1.580	1.670	1.320

Code ID FB TOTL FAMILY HOUSING (1951 ON)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .79
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.130	.250	.280	.270
1	.310	.310	.340	.420	.490	.500	.460	.620	.560	.470
2	.480	.380	.460	.480	.490	.570	.450	.460	.500	.470
3	.630	.670	.660	.510	.580	.600	.630	.680	.870	.880
4	.810	.500	.370	.320	.320	.290	.410	.440	.460	.510
5	.540	.620	.620	.570	.730	.880	.940	.850	.750	.630
6	.550	.520	.590	.670	.720	.650	.670	.700	.710	.640
7	1.200	1.440	1.440	1.080	1.110	1.260	1.080	1.180	1.050	1.380

Code ID FC TOTL FAMILY HOUSING (CAPEHART)
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.50
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.060	.120	.200	.290
1	.610	.770	.800	.860	.880	.680	.670	.890	.910	.840
2	.720	.610	.640	.570	.840	1.310	1.290	1.270	1.150	1.020
3	1.250	1.250	1.220	1.110	1.220	.920	.950	1.130	1.440	1.380
4	1.340	.990	.810	.760	.690	.650	.710	.700	.790	.930
5	1.060	1.200	1.190	1.130	1.080	1.480	1.530	1.580	1.540	1.460
6	1.260	1.350	1.350	1.320	1.470	1.160	1.210	1.200	1.170	1.130
7	1.670	1.730	1.710	1.660	1.620	1.450	1.720	1.830	1.810	1.720

Unit Cost Factor Data File

Code ID FW TOTL FAMILY HOUSING (WHERRY)
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.50
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.080	.170	.270	.340
1	.750	.770	.720	.730	.770	.840	.830	1.310	1.350	1.210
2	.970	.710	.630	.550	.650	1.140	1.130	1.210	1.280	1.280
3	1.540	1.600	1.480	1.390	1.560	1.150	1.160	1.250	1.470	1.410
4	1.590	1.340	1.100	1.040	1.060	.930	.940	.970	1.080	1.160
5	1.230	1.230	1.210	1.080	1.210	2.040	2.110	2.180	2.110	1.870
6	1.700	1.740	1.780	1.630	1.670	1.070	1.260	1.340	1.400	1.350
7	1.870	2.130	2.090	1.940	1.960	1.960	1.970	2.030	2.050	1.780

Code ID G2 GERM CONTINUING EDUCATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .60
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	.630	.110	.720
1	.170	.110	.100	.080	.070	.820	.110	.080	1.400	.790
2	.520	.160	.080	.700	.200	.120	.070	.130	.310	.950
3	2.290	.250	.200	.190	.190	.180	1.450	.210	1.640	.170
4	.590	.160	.200	.100	.170	.850	.110	.830	.250	.180
5	1.160	.180	.800	.130	1.320	.240	.930	.210	.320	.240
6	2.030	.200	.190	.140	.250	.840	.160	.770	.280	1.290
7	1.750	.220	1.370	.230	1.480	2.010	.310	.210	.360	.230

Code ID G3 GERM PHYSICAL FITNESS CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .57
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.030	.000	.030	.030	.000	.890	.070	2.290
1	.080	.100	.090	.070	.250	.970	.070	.070	.100	2.380
2	.200	.090	.310	1.130	.130	.050	.200	.230	.100	2.450
3	2.430	.210	.470	.130	.140	.180	.190	.330	3.160	.220
4	4.430	.250	.080	.110	.070	.920	.100	2.280	.130	.070
5	.550	.250	1.100	.110	.130	.210	2.330	.380	.260	.130
6	1.640	.120	.300	.120	.070	2.380	.130	1.110	.300	.300
7	.320	.280	.260	.320	3.340	.640	.310	.300	.440	.340

Unit Cost Factor Data File

Code ID P0 PERM
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .89
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.050	.050	.020	.090	.240	.370	.150
1	.340	.390	.500	.570	.830	.690	.640	.480	.830	.510
2	.600	.470	.510	.450	.800	1.040	.910	1.030	1.000	1.150
3	1.250	1.020	1.250	.740	.570	.610	.900	.640	.880	1.150
4	1.050	.490	.470	.500	.550	.380	.400	.490	.770	.470
5	.940	.900	.780	.970	1.000	.820	1.280	1.100	1.190	1.020
6	1.190	.900	.910	.910	1.180	.690	.960	.890	.880	.960
7	1.230	1.010	1.590	1.000	1.210	1.210	.870	.940	1.150	1.110

Code ID P1 PERM
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .89
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.050	.050	.020	.090	.240	.370	.150
1	.340	.390	.500	.570	.830	.690	.640	.480	.830	.510
2	.600	.470	.510	.450	.800	1.040	.910	1.030	1.000	1.150
3	1.250	1.020	1.250	.740	.570	.610	.900	.640	.880	1.150
4	1.050	.490	.470	.500	.550	.380	.400	.490	.770	.470
5	.940	.900	.780	.970	1.000	.820	1.280	1.100	1.190	1.020
6	1.190	.900	.910	.910	1.180	.690	.960	.890	.880	.960
7	1.230	1.010	1.590	1.000	1.210	1.210	.870	.940	1.150	1.110

Code ID P2 PERM
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .89
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.050	.050	.020	.090	.240	.370	.150
1	.340	.390	.500	.570	.830	.690	.640	.480	.830	.510
2	.600	.470	.510	.450	.800	1.040	.910	1.030	1.000	1.150
3	1.250	1.020	1.250	.740	.570	.610	.900	.640	.880	1.150
4	1.050	.490	.470	.500	.550	.380	.400	.490	.770	.470
5	.940	.900	.780	.970	1.000	.820	1.280	1.100	1.190	1.020
6	1.190	.900	.910	.910	1.180	.690	.960	.890	.880	.960
7	1.230	1.010	1.590	1.000	1.210	1.210	.870	.940	1.150	1.110

Unit Cost Factor Data File

Code ID P3 PERM
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .89
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.050	.050	.020	.090	.240	.370	.150
1	.340	.390	.500	.570	.830	.690	.640	.480	.830	.510
2	.600	.470	.510	.450	.800	1.040	.910	1.030	1.000	1.150
3	1.250	1.020	1.250	.740	.570	.610	.900	.640	.880	1.150
4	1.050	.490	.470	.500	.550	.380	.400	.490	.770	.470
5	.940	.900	.780	.970	1.000	.820	1.280	1.100	1.190	1.020
6	1.190	.900	.910	.910	1.180	.690	.960	.890	.880	.960
7	1.230	1.010	1.590	1.000	1.210	1.210	.870	.940	1.150	1.110

Code ID P4 PERM GENERAL INSTRUCTIONAL BUILDINGS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .72
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.030	.000	.010	.140	.220	.230
1	.380	.360	.270	.260	.390	.440	.270	.430	.500	.370
2	.410	.480	.230	.210	.340	.410	.380	1.880	2.390	2.000
3	3.000	2.000	1.810	.640	.410	.260	.250	.490	.490	.690
4	.570	.470	.500	.310	.350	.250	.220	.320	.460	.370
5	.640	.650	.680	.570	.510	.760	1.020	2.480	2.140	2.530
6	3.310	1.990	2.030	.630	.830	.510	.610	.770	.750	.870
7	.900	.840	.640	.570	.620	1.040	.500	.590	.660	.590

Code ID P5 PERM APPLIED INSTRUCTIONAL BUILDINGS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .80
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.140	.020	.020	.030	.560	.060
1	.460	.160	.300	.160	.530	.220	.710	.160	.990	.210
2	.990	.220	.200	.170	.720	.230	.310	.420	1.150	.500
3	4.470	.980	.810	.280	.240	.260	.520	.940	.270	.350
4	1.550	.570	.480	.260	.320	.250	.220	.190	.790	.230
5	.820	.330	.430	.280	.480	1.020	1.490	.420	.490	.420
6	4.880	.650	.680	.250	.750	.220	.210	.260	.500	.260
7	1.010	.330	1.650	.990	.290	1.930	.460	.410	.440	.320

Unit Cost Factor Data File

Code ID P6 PERM AVIATION UNIT MAINTENANCE HANGAR
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.39
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.000	.050	.010	.020	.520	.290	.280
1	.680	.360	.460	.900	.490	.360	.460	.600	.690	.500
2	.610	.210	.350	.280	.350	.970	1.680	.900	1.100	.880
3	1.160	.470	.400	.380	.250	.400	.830	.640	.740	1.270
4	.820	.280	.210	.250	.760	.440	.420	.620	.330	.250
5	.610	.940	1.410	1.130	.770	.570	1.540	.390	.690	.470
6	1.100	.540	.930	.530	.810	1.040	.580	.480	.530	.340
7	.840	.780	.880	.770	.620	1.990	.450	.890	1.500	.880

Code ID P7 PERM AVIATION UNIT MAINTENANCE HANGAR
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.39
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.000	.050	.010	.020	.520	.290	.280
1	.680	.360	.460	.900	.490	.360	.460	.600	.690	.500
2	.610	.210	.350	.280	.350	.970	1.680	.900	1.100	.880
3	1.160	.470	.400	.380	.250	.400	.830	.640	.740	1.270
4	.820	.280	.210	.250	.760	.440	.420	.620	.330	.250
5	.610	.940	1.410	1.130	.770	.570	1.540	.390	.690	.470
6	1.100	.540	.930	.530	.810	1.040	.580	.480	.530	.340
7	.840	.780	.880	.770	.620	1.990	.450	.890	1.500	.880

Code ID P8 PERM ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .96
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.050	.080	.020	.150	.140	.220	.130
1	.290	.440	.540	.430	.640	.430	.440	.300	.440	.420
2	.480	.580	.360	.370	.620	1.000	1.970	.750	1.770	1.260
3	1.530	.850	.490	.510	.370	.600	.490	.530	.450	.820
4	.660	.410	.450	.810	.460	.320	.350	.300	.580	.540
5	.590	.680	.800	.840	1.850	.750	2.140	1.260	1.810	.740
6	.660	.740	.620	.480	.650	.680	.730	.890	.620	.660
7	.770	.920	.800	.870	.690	1.060	.620	.720	.880	.960

Unit Cost Factor Data File

Code ID P9 PERM DS/GS VEHICLE MAINTENANCE SHOP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.25
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.030	.120	.150	.310	.220	.220
1	.310	.310	.640	.410	.720	.510	.380	.560	.590	.840
2	.570	.530	.600	.450	.760	1.200	.790	1.340	3.800	.890
3	1.440	.560	.880	.530	.850	.630	.800	.920	.910	1.120
4	.920	.410	.430	.440	.720	.540	.640	.630	.610	.600
5	.780	1.410	.940	1.370	1.340	.890	3.920	.960	1.700	.960
6	1.030	.810	1.070	.590	1.160	.620	.940	.600	.900	.620
7	.920	.930	1.020	.820	.920	1.590	.850	1.320	1.430	1.260

Code ID PA PERM SPECIAL PURPOSE MAINTENANCE SHOPS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 2.15
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.020	.230	.060	.050	.050	.410	.140
1	5.040	.160	.410	.160	.230	.300	.560	.290	.530	.220
2	5.550	.260	.390	.310	.840	.650	.890	.260	1.550	.940
3	7.580	.410	.780	.360	.520	.470	.830	.460	.440	.430
4	6.080	.290	.270	.280	.500	.310	.300	.260	.820	.360
5	5.430	.400	.610	.820	.970	.480	1.820	.730	1.070	.470
6	7.580	.440	.320	.540	.710	.430	.390	.470	.560	.400
7	5.740	.380	.970	.440	.400	4.360	.640	.410	.750	.460

Code ID PB PERM REPAIR AND OPERATION MAINTENANCE SHOPS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.11
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.160	.000	.000	.320	.410	1.020
1	.550	.190	.320	.890	1.150	.660	.670	.170	1.900	.390
2	1.240	.200	.860	.250	1.150	.840	1.400	.190	3.570	2.050
3	3.690	.550	.690	.280	.370	.290	1.120	1.890	.390	1.330
4	1.910	.440	.420	.320	.700	.400	1.300	.190	1.580	.440
5	1.220	.700	1.690	.980	1.710	.680	2.770	.340	1.430	.590
6	4.600	.470	.190	1.870	.620	1.150	.470	.390	1.430	.290
7	1.960	.370	2.190	.730	.540	2.870	.650	.750	1.730	.560

Unit Cost Factor Data File

Code ID PC PERM AMMUNITION STORAGE FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .34
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.050	.050	.160	.050
1	.120	.030	.010	.060	.140	.050	.170	.050	.050	.010
2	.150	.050	.050	.050	.170	.650	1.620	1.200	1.360	1.470
3	1.820	.070	.160	.070	.030	.060	.070	.060	.070	.100
4	.290	.010	.120	.060	.080	.070	.070	.070	.140	.030
5	.170	.230	.130	.670	1.660	1.380	1.500	1.440	1.690	.210
6	.380	.090	.060	.160	.220	.070	.080	.220	.180	.090
7	.220	.220	.260	.090	.100	.400	.080	.140	.180	.100

Code ID PD PERM COLD STORAGE FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.24
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.020	.070	.110	.030
1	.210	.980	1.110	1.470	1.290	1.390	.650	1.420	1.680	.720
2	1.840	.940	1.250	.260	.280	.820	1.900	2.210	.860	2.500
3	2.220	1.520	1.540	1.980	.900	1.910	1.670	1.170	.860	1.220
4	.540	.300	.520	1.590	.660	1.170	1.090	1.420	1.180	1.120
5	1.290	1.440	2.990	.870	1.730	.350	1.670	1.070	1.610	1.520
6	2.620	1.250	2.190	1.070	2.000	1.960	.910	2.160	1.180	1.400
7	.820	.360	1.440	.450	.240	2.680	.650	2.250	2.300	1.920

Code ID PE PERM GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .62
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.030	.010	.020	.120	.130	.160
1	.170	.120	.090	.410	.360	.220	.170	.180	.380	.320
2	.350	.120	.210	.200	.280	.330	1.140	.390	3.860	1.100
3	1.620	.320	.270	.160	.150	.250	.290	.430	.200	.740
4	.410	.150	.170	.310	.210	.150	.200	.150	.240	.130
5	.320	.290	.710	.410	1.060	.460	4.050	.810	.920	.350
6	1.520	.330	.400	.330	.440	.500	.290	.270	.220	.180
7	.390	.250	.680	.370	.270	1.900	.260	.490	.840	.230

Unit Cost Factor Data File

Code ID PF PERM GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .62
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.030	.010	.020	.120	.130	.160
1	.170	.120	.090	.410	.360	.220	.170	.180	.380	.320
2	.350	.120	.210	.200	.280	.330	1.140	.390	3.860	1.100
3	1.620	.320	.270	.160	.150	.250	.290	.430	.200	.740
4	.410	.150	.170	.310	.210	.150	.200	.150	.240	.130
5	.320	.290	.710	.410	1.060	.460	4.050	.810	.920	.350
6	1.520	.330	.400	.330	.440	.500	.290	.270	.220	.180
7	.390	.250	.680	.370	.270	1.900	.260	.490	.840	.230

Code ID PG PERM GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .62
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.030	.010	.020	.120	.130	.160
1	.170	.120	.090	.410	.360	.220	.170	.180	.380	.320
2	.350	.120	.210	.200	.280	.330	1.140	.390	3.860	1.100
3	1.620	.320	.270	.160	.150	.250	.290	.430	.200	.740
4	.410	.150	.170	.310	.210	.150	.200	.150	.240	.130
5	.320	.290	.710	.410	1.060	.460	4.050	.810	.920	.350
6	1.520	.330	.400	.330	.440	.500	.290	.270	.220	.180
7	.390	.250	.680	.370	.270	1.900	.260	.490	.840	.230

Code ID PH PERM GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .62
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.030	.010	.020	.120	.130	.160
1	.170	.120	.090	.410	.360	.220	.170	.180	.380	.320
2	.350	.120	.210	.200	.280	.330	1.140	.390	3.860	1.100
3	1.620	.320	.270	.160	.150	.250	.290	.430	.200	.740
4	.410	.150	.170	.310	.210	.150	.200	.150	.240	.130
5	.320	.290	.710	.410	1.060	.460	4.050	.810	.920	.350
6	1.520	.330	.400	.330	.440	.500	.290	.270	.220	.180
7	.390	.250	.680	.370	.270	1.900	.260	.490	.840	.230

Unit Cost Factor Data File

Code ID PI PERM HOSPITALS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .72
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.050	.020	.020	.250	.380	.280
1	.120	.110	.260	.120	.280	.380	.560	.880	2.120	.190
2	.650	.240	1.150	.170	.550	.360	1.560	.240	.470	.490
3	1.900	.810	.630	.270	.320	.310	2.660	.930	.320	.360
4	1.420	1.100	.210	.390	.440	.500	.200	.170	.590	.210
5	.880	.490	1.430	.260	1.890	1.470	.700	.260	.510	.510
6	2.860	.360	.510	.520	.580	.270	.810	.250	.340	.220
7	1.490	.340	2.660	.950	1.030	1.380	.380	.560	2.940	1.110

Code ID PJ PERM DENTAL CLINICS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.41
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.020	.100	.010	.000	.420	.610	.220
1	.390	.470	1.090	.550	1.800	1.120	1.340	.620	2.330	1.840
2	1.240	1.050	.680	.520	.860	.810	1.200	1.530	2.310	1.530
3	4.620	.740	1.750	.900	.560	.540	2.000	1.710	1.300	3.070
4	2.830	.910	1.480	1.180	.780	.860	.940	.690	1.780	.840
5	1.160	1.420	1.650	.670	1.940	1.090	2.980	1.750	2.310	1.370
6	4.680	.540	.830	.430	1.790	.640	1.060	.990	1.000	1.180
7	2.460	2.170	3.100	1.980	1.360	3.980	.870	1.900	3.370	1.340

Code ID PK PERM HEALTH CLINICS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.34
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.030	.020	.030	.030	.160	.100	.210	.190
1	.510	.800	.760	1.140	1.150	.610	.980	.490	.660	.990
2	.240	.670	1.520	.230	1.030	1.570	1.280	1.580	1.740	.670
3	.650	1.370	1.130	.960	1.470	.610	.690	.910	.960	1.700
4	1.260	.900	.510	.590	1.110	.410	.450	.350	.450	.610
5	1.330	1.090	1.380	1.460	1.500	1.690	1.290	1.300	2.090	.540
6	.790	1.840	.960	.790	2.150	.880	1.090	1.930	1.190	1.240
7	.950	2.870	2.310	1.130	3.110	1.150	1.080	3.980	1.320	.880

Unit Cost Factor Data File

Code ID PL PERM GENERAL PURPOSE ADMINISTRATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .89
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.050	.050	.020	.090	.240	.370	.150
1	.340	.390	.500	.570	.830	.690	.640	.480	.830	.510
2	.600	.470	.510	.450	.800	1.040	.910	1.030	1.000	1.150
3	1.250	1.020	1.250	.740	.570	.610	.900	.640	.880	1.150
4	1.050	.490	.470	.500	.550	.380	.400	.490	.770	.470
5	.940	.900	.780	.970	1.000	.820	1.280	1.100	1.190	1.020
6	1.190	.900	.910	.910	1.180	.690	.960	.890	.880	.960
7	1.230	1.010	1.590	1.000	1.210	1.210	.870	.940	1.150	1.110

Code ID PM PERM
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .89
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.050	.050	.020	.090	.240	.370	.150
1	.340	.390	.500	.570	.830	.690	.640	.480	.830	.510
2	.600	.470	.510	.450	.800	1.040	.910	1.030	1.000	1.150
3	1.250	1.020	1.250	.740	.570	.610	.900	.640	.880	1.150
4	1.050	.490	.470	.500	.550	.380	.400	.490	.770	.470
5	.940	.900	.780	.970	1.000	.820	1.280	1.100	1.190	1.020
6	1.190	.900	.910	.910	1.180	.690	.960	.890	.880	.960
7	1.230	1.010	1.590	1.000	1.210	1.210	.870	.940	1.150	1.110

Code ID PN PERM FAMILY HOUSING
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.22
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.030	.120	.200	.260	.300
1	.550	.570	.560	.620	.680	.650	.630	.870	.860	.740
2	.640	.560	.560	.510	.610	.950	.870	.910	.940	.910
3	1.100	1.160	1.100	.990	1.050	.800	.860	.940	1.130	1.090
4	1.150	.880	.780	.780	.780	.690	.750	.780	.830	.880
5	.930	1.030	.970	.910	.990	1.390	1.390	1.490	1.430	1.330
6	1.270	1.280	1.350	1.220	1.370	.960	1.100	1.140	1.170	1.110
7	1.580	1.880	1.750	1.540	1.620	1.550	1.550	1.650	1.640	1.550

Unit Cost Factor Data File

Code ID PO PERM
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.10
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.050	.190	.240	.300	.280
1	.520	.440	.360	.470	.560	.600	.570	.660	.620	.450
2	.400	.530	.520	.450	.480	.790	.620	.690	.820	.870
3	.980	1.130	1.060	.950	.850	.530	.680	.700	.750	.710
4	.880	.700	.820	1.000	1.040	.890	.930	1.020	1.000	.930
5	.890	1.080	.880	.870	.950	1.170	1.000	1.360	1.330	1.350
6	1.580	1.510	1.700	1.250	1.620	.960	1.260	1.330	1.410	1.300
7	1.590	2.210	1.740	1.480	1.770	1.520	1.450	1.580	1.670	1.320

Code ID PP PERM
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .79
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.130	.250	.280	.270
1	.310	.310	.340	.420	.490	.500	.460	.620	.560	.470
2	.480	.380	.460	.480	.490	.570	.450	.460	.500	.470
3	.630	.670	.650	.510	.580	.600	.630	.680	.870	.880
4	.810	.500	.370	.320	.320	.290	.410	.440	.460	.510
5	.540	.620	.620	.570	.730	.880	.940	.850	.750	.630
6	.550	.520	.590	.670	.720	.650	.670	.700	.710	.640
7	1.200	1.440	1.440	1.080	1.110	1.260	1.080	1.180	1.050	1.380

Code ID PQ PERM
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.50
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.060	.120	.200	.290
1	.610	.770	.800	.860	.880	.680	.670	.890	.910	.840
2	.720	.610	.630	.570	.840	1.310	1.290	1.270	1.150	1.020
3	1.250	1.250	1.220	1.110	1.220	.920	.950	1.130	1.440	1.380
4	1.340	.990	.810	.760	.690	.650	.710	.690	.790	.930
5	1.060	1.200	1.190	1.130	1.080	1.480	1.530	1.580	1.540	1.460
6	1.260	1.350	1.350	1.320	1.470	1.160	1.210	1.200	1.170	1.130
7	1.670	1.730	1.710	1.660	1.620	1.450	1.720	1.830	1.810	1.720

Unit Cost Factor Data File

Code ID PR PERM

Unit Cost Special Condition Multiplier 1.00

Annual Recurring Maintenance Factor 1.50

MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.080	.170	.270	.340
1	.750	.770	.720	.730	.770	.840	.830	1.310	1.350	1.210
2	.970	.710	.630	.550	.650	1.140	1.130	1.210	1.280	1.280
3	1.540	1.600	1.480	1.390	1.560	1.150	1.160	1.250	1.470	1.410
4	1.590	1.340	1.100	1.040	1.060	.930	.940	.960	1.080	1.160
5	1.230	1.230	1.210	1.080	1.210	2.040	2.110	2.180	2.110	1.870
6	1.700	1.740	1.780	1.630	1.670	1.070	1.260	1.340	1.400	1.350
7	1.870	2.130	2.090	1.940	1.960	1.960	1.970	2.030	2.050	1.780

Code ID PS PERM UNACCOMPANIED PERSONNEL HOUSING, ENLISTED

Unit Cost Special Condition Multiplier 1.00

Annual Recurring Maintenance Factor .73

MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.080	.070	.020	.090	.260	.270	.220
1	.270	.380	.410	.500	.580	.600	.630	.520	.530	.620
2	.660	.560	.570	.550	.620	.680	.710	.900	.710	.630
3	.690	.930	.960	.770	.690	.770	.840	.890	.910	.920
4	.840	.470	.410	.480	.480	.370	.360	.510	.520	.590
5	.640	.880	.950	.750	.770	.930	.960	.890	.850	.740
6	.630	.740	.810	.860	.930	.810	.800	1.000	.820	.760
7	.820	.920	.940	.860	.860	.780	.870	.910	.910	.940

Code ID PT PERM BASIC TRAINEE BARRACKS

Unit Cost Special Condition Multiplier 1.00

Annual Recurring Maintenance Factor .67

MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.070	.070	.000	.020	.100	.140	.100
1	.220	.320	.410	.480	.500	.590	.480	.420	.510	.540
2	.600	.570	.550	.460	.440	.440	.590	.720	.770	.610
3	.610	.840	.780	.630	.660	.660	.690	.620	.650	.710
4	.760	.560	.450	.520	.320	.220	.220	.310	.420	.570
5	.560	.630	.560	.500	.760	.890	.910	.950	.790	.670
6	.650	.570	.530	.590	.580	.370	.460	.710	.730	.600
7	.640	.800	.600	.490	.560	.670	.650	.470	.590	.550

Unit Cost Factor Data File

Code ID PU PERM DINNING FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.26
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.140	.130	.020	.060	.230	.230	.260
1	.590	.440	1.170	.590	1.190	1.030	.460	.760	.490	.940
2	.810	.870	.820	.820	.640	1.270	1.180	2.030	1.210	1.580
3	.850	1.170	1.600	.870	.910	.800	1.310	.810	1.130	.900
4	1.240	.980	.700	1.080	.690	.820	.440	.870	.580	1.240
5	.900	1.260	1.200	1.070	1.390	1.330	1.500	1.590	1.360	1.050
6	.830	.960	.960	1.090	.950	.900	.940	1.380	1.260	1.310
7	1.740	1.520	.740	1.520	2.340	1.230	1.350	1.320	1.600	1.690

Code ID PV PERM UNACOMPANIED PERSONNEL HOUSING, OFFICES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .95
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.040	.250	.410	.180
1	.230	.240	.350	.290	.490	.960	.580	.400	.500	.280
2	1.050	.370	.450	.500	.770	.650	.490	.890	.590	.830
3	.620	.850	1.160	1.110	.530	.570	1.040	.850	1.300	.710
4	.960	.640	.390	.490	.380	.270	.280	.470	.640	.590
5	.430	1.280	.480	.550	.580	.630	1.510	.790	1.110	.930
6	.530	.630	.970	.710	1.070	.570	.930	.670	.610	1.410
7	.680	.820	1.140	.790	4.140	.740	.860	.880	.980	1.390

Code ID PW PERM FIRE STATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.11
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.040	.060	.020	.010	.380	.360	.100
1	.220	.160	.170	.510	.560	.830	.520	.120	.870	.350
2	1.040	.130	.530	.210	.490	20.500	.880	.150	1.790	2.050
3	2.320	.650	.820	.290	.410	.210	.800	.910	.440	.670
4	1.750	.320	.250	.570	.590	.480	.220	.280	.480	.200
5	20.900	.650	.990	.220	.580	.490	2.170	.350	2.120	.560
6	3.770	.280	.510	.250	.800	.590	.590	.480	.240	.330
7	.640	.280	1.490	.880	.590	22.300	.610	.610	1.260	.380

Unit Cost Factor Data File

Code ID PX PERM COMMUNITY FACILITY
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .91
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.030	.030	.020	.040	.260	.700	.070
1	.280	.230	.360	.490	.750	.710	.860	.440	.630	.560
2	.550	.340	.350	.440	1.340	.510	.560	.920	.770	.850
3	2.780	1.050	1.150	.400	.700	.410	.570	.560	.550	.940
4	1.470	.690	.580	.530	.470	.490	.300	.500	1.030	.430
5	.440	.610	.720	.730	.690	.930	1.540	.920	.810	.610
6	3.310	.850	.580	.790	1.190	.380	.480	.620	.610	.490
7	.970	.870	1.460	.700	.880	1.290	.550	.660	.840	.620

Code ID PY PERM CHAPELS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.23
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.130	.130	.010	.010	.430	.910	.260
1	.310	.700	.530	.680	1.510	1.250	.930	1.220	.550	.960
2	1.170	1.530	.560	.550	1.930	1.120	1.450	.880	1.400	1.800
3	1.480	1.210	1.680	1.460	1.150	.820	1.270	.750	.870	2.720
4	1.580	1.070	.690	1.340	1.010	1.000	.610	.680	1.550	.730
5	1.050	.920	1.690	1.910	1.000	1.040	2.240	2.290	1.240	.860
6	2.770	.440	.790	1.210	1.990	1.390	.980	.790	1.280	1.710
7	1.530	1.630	2.030	1.200	1.160	1.760	.860	1.570	1.440	1.290

Code ID PZ DESCRIPTION NOT FOUND
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .96
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.050	.080	.020	.150	.140	.220	.130
1	.290	.440	.540	.430	.640	.430	.440	.300	.440	.420
2	.480	.580	.360	.370	.620	1.070	1.970	.750	1.770	1.260
3	1.530	.850	.490	.510	.370	.600	.490	.530	.450	.820
4	.660	.410	.450	.810	.460	.320	.350	.300	.580	.540
5	.590	.680	.800	.840	1.850	.750	2.140	1.260	1.810	.740
6	.660	.740	.620	.480	.650	.680	.730	.890	.620	.660
7	.770	.920	.800	.870	.690	1.060	.620	.720	.880	.960

Unit Cost Factor Data File

Code ID Q0 PERM LAUNDRY/DRY CLEANING FACILITY
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .91
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.030	.030	.020	.040	.260	.700	.070
1	.280	.230	.360	.490	.750	.710	.860	.440	.630	.560
2	.550	.340	.350	.440	1.340	.510	.560	.920	.770	.850
3	2.780	1.050	1.150	.400	.700	.410	.570	.560	.550	.940
4	1.470	.690	.580	.530	.470	.490	.300	.500	1.030	.430
5	.440	.610	.720	.730	.690	.930	1.540	.920	.810	.610
6	3.310	.850	.580	.790	1.190	.380	.480	.620	.610	.490
7	.970	.870	1.460	.700	.880	1.290	.550	.660	.840	.620

Code ID Q1 PERM GENERAL PURPOSE ADMINISTRATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .91
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.030	.030	.020	.040	.260	.700	.070
1	.280	.230	.360	.490	.750	.710	.860	.440	.630	.560
2	.550	.340	.350	.440	1.340	.510	.560	.920	.770	.850
3	2.780	1.050	1.150	.400	.700	.410	.570	.560	.550	.940
4	1.470	.690	.580	.530	.470	.490	.300	.500	1.030	.430
5	.440	.610	.720	.730	.690	.930	1.540	.920	.810	.610
6	3.310	.850	.580	.790	1.190	.380	.480	.620	.610	.490
7	.970	.870	1.460	.700	.880	1.290	.550	.660	.840	.620

Code ID Q2 PERM GENERAL PURPOSE ADMINISTRATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .91
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.030	.030	.020	.040	.260	.700	.070
1	.280	.230	.360	.490	.750	.710	.860	.440	.630	.560
2	.550	.340	.350	.440	1.340	.510	.560	.920	.770	.850
3	2.780	1.050	1.150	.400	.700	.410	.570	.560	.550	.940
4	1.470	.690	.580	.530	.470	.490	.300	.500	1.030	.430
5	.440	.610	.720	.730	.690	.930	1.540	.920	.810	.610
6	3.310	.850	.580	.790	1.190	.380	.480	.620	.610	.490
7	.970	.870	1.460	.700	.880	1.290	.550	.660	.840	.620

Unit Cost Factor Data File

Code ID Q3 PERM
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .91
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.030	.030	.020	.040	.260	.700	.070
1	.280	.230	.360	.490	.750	.710	.860	.440	.630	.560
2	.550	.340	.350	.440	1.340	.510	.560	.920	.770	.850
3	2.780	1.050	1.150	.400	.700	.410	.570	.560	.550	.940
4	1.470	.690	.580	.530	.470	.490	.300	.500	1.030	.430
5	.440	.610	.720	.730	.690	.930	1.540	.920	.810	.610
6	3.310	.850	.580	.790	1.190	.380	.480	.620	.610	.490
7	.970	.870	1.460	.700	.880	1.290	.550	.660	.840	.620

Code ID Q4 PERM POST OFFICE
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .86
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.050	.000	.000	.120	.080	.030
1	.150	.090	.140	.850	1.150	.390	.170	.090	1.440	.160
2	1.050	.100	.480	.110	.190	.130	1.300	.130	.380	1.730
3	2.330	.490	.560	.220	.190	.430	1.320	.550	.170	1.020
4	2.510	.160	.120	1.180	.260	.250	.100	.100	.170	.110
5	.430	.610	1.460	.190	1.290	.390	.640	.990	.980	.310
6	3.320	.370	.380	.180	.820	.980	.260	.190	.290	.150
7	.930	1.080	1.680	.610	.290	.690	.360	.560	1.450	.230

Code ID Q5 PERM AUDITORIUM/THEATER
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.09
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.000	.000	.500	.400	.030
1	.220	.170	1.010	.430	.890	.610	.590	.560	.900	.170
2	.380	.310	.470	.710	2.060	.710	2.070	1.050	1.220	.900
3	1.350	.600	1.220	.190	1.620	.190	.590	.910	.270	.960
4	1.340	.330	.750	.320	.750	.250	.080	.630	1.280	.200
5	.420	.750	.880	2.080	1.110	1.130	2.580	.900	1.350	.290
6	1.050	.500	1.330	2.070	.690	.430	.640	.270	.950	.620
7	.700	.770	.940	1.230	.760	1.590	.240	.490	1.270	.720

Unit Cost Factor Data File

Code ID Q6 PERM BOWLING CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .55
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.030	.000	.090	.120	.250	.040
1	.390	.350	.180	.660	.860	.290	.360	.210	.830	.550
2	.940	.180	.280	.170	.410	.540	1.310	.460	.440	.800
3	1.120	1.950	.550	.310	.540	.310	.460	.530	.490	1.490
4	2.470	.410	.230	.480	.530	.160	.200	.300	.450	.100
5	.560	.560	1.080	.740	1.000	.540	.830	.650	.690	.450
6	1.530	.340	1.950	.740	.620	.830	.800	.190	.370	.810
7	1.280	.710	1.210	.880	.740	.720	.440	.560	1.460	.620

Code ID Q7 PERM CHILD SUPPORT CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.15
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.030	.130	.020	.180	.820	1.000	.420
1	.340	.580	.300	.550	.710	1.640	.970	.860	.860	.560
2	1.430	.450	.770	1.080	1.430	.500	6.760	1.120	.870	7.720
3	.780	1.900	1.730	1.510	.950	1.060	.900	1.010	1.620	1.260
4	1.330	1.370	.670	.680	.700	.550	.860	1.150	1.670	1.130
5	.700	1.240	.560	.650	7.030	1.700	2.230	7.470	1.140	.650
6	.900	.820	1.260	1.720	1.430	.690	.640	.690	.820	1.650
7	.690	2.320	2.330	.990	2.160	1.280	.750	.700	1.000	1.850

Code ID Q8 PERM COMMISSARY
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .82
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.040	.000	.000	.000	.130	.130
1	1.340	.150	.170	.250	.690	.230	.230	.150	1.000	.390
2	1.610	.250	.220	.170	.380	2.130	1.770	.210	1.100	.750
3	2.610	.490	.310	.160	.230	.170	.960	.300	.220	.610
4	1.760	.220	.520	.300	.260	.330	.120	.140	.310	.250
5	3.420	.340	1.790	.340	.880	.330	1.040	.460	.800	.320
6	3.000	4.320	.490	.390	.340	.340	.230	.220	.290	.240
7	2.260	.360	1.190	.320	.120	2.840	.220	1.730	2.040	.250

Unit Cost Factor Data File

Code ID Q9 PERM ARTS & CRAFTS CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .69
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.020	.040	.000	.010	.140	.090	.060
1	.100	.140	.190	.540	1.060	.720	.160	.240	1.120	1.050
2	.210	.330	.390	.120	.320	.210	.690	.210	3.330	.880
3	2.170	.330	.380	.360	.320	.330	.700	1.000	.230	2.010
4	.520	.180	.880	.640	.400	.310	.090	.200	.440	.160
5	.810	.500	1.020	.160	.670	.760	3.160	1.180	1.260	.710
6	1.940	.150	.250	.170	.600	.440	.270	.280	.170	.260
7	1.790	1.020	1.080	.950	.280	1.690	.280	.370	2.070	.260

Code ID QA PERM CONTINUING EDUCATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .53
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.010	.000	.000	.010	.020	.010
1	.070	.080	.080	.100	.300	.130	.160	.300	.620	.400
2	.360	.210	.220	.220	.230	.290	.390	.340	1.000	.430
3	1.480	.360	.440	.470	.410	.470	.840	.400	.420	.480
4	.460	.180	.420	.190	.230	.250	.210	.200	.260	.280
5	.490	.480	.470	.710	1.040	.830	1.400	.780	.520	.530
6	2.180	.610	.560	.400	.500	.540	.670	.410	.500	.490
7	1.310	.420	.960	.540	.410	1.130	.610	.520	.500	.420

Code ID QB PERM PHYSICAL FITNESS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .85
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.040	.010	.060	.370	.260	.360
1	.220	.510	.310	.810	.450	.400	.310	.480	.490	.470
2	.880	.540	.210	.210	.470	.590	1.420	.740	.320	1.400
3	1.040	.850	.560	.410	.560	.280	.430	.740	.370	1.260
4	2.020	1.110	.140	.540	.460	.290	.150	.570	.360	.570
5	1.040	.760	1.020	.870	.970	.590	.800	.820	1.010	.940
6	1.390	1.020	.540	1.000	.490	.760	.520	.990	.420	1.450
7	.770	.800	.890	.530	.570	.730	.800	.810	1.420	1.040

Unit Cost Factor Data File

Code ID QC PERM TRANSIENT HOUSING
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.44
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.010	.010	.030	.480	1.470	.150
1	.220	.250	.210	.510	.390	.930	1.720	.460	1.010	.650
2	.730	.550	.400	.700	2.040	.560	1.030	.630	.870	.700
3	1.350	1.150	2.160	.650	.860	.670	.860	1.280	.830	2.090
4	2.290	.660	.480	.590	.520	.350	.310	.760	1.990	.540
5	.710	.510	1.000	.640	.630	1.540	2.370	1.010	1.080	.470
6	1.610	.490	.990	1.100	3.090	.760	.530	.880	.630	.750
7	.940	.930	2.720	1.070	2.320	.930	.710	1.120	1.440	1.090

Code ID QD PERM
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .89
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.050	.050	.020	.090	.240	.370	.150
1	.340	.390	.500	.570	.830	.690	.640	.480	.830	.510
2	.600	.470	.510	.450	.800	1.040	.910	1.030	1.000	1.150
3	1.250	1.020	1.250	.740	.570	.610	.900	.640	.880	1.150
4	1.050	.490	.470	.500	.550	.380	.400	.490	.770	.470
5	.940	.900	.780	.970	1.000	.820	1.280	1.100	1.190	1.020
6	1.190	.900	.910	.910	1.180	.690	.960	.890	.880	.960
7	1.230	1.010	1.590	1.000	1.210	1.210	.870	.940	1.150	1.110

Code ID QE PERM
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .89
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.050	.050	.020	.090	.240	.370	.150
1	.340	.390	.500	.570	.830	.690	.640	.480	.830	.510
2	.600	.470	.510	.450	.800	1.040	.910	1.030	1.000	1.150
3	1.250	1.020	1.250	.740	.570	.610	.900	.640	.880	1.150
4	1.050	.490	.470	.500	.550	.380	.400	.490	.770	.470
5	.940	.900	.780	.970	1.000	.820	1.280	1.100	1.190	1.020
6	1.190	.900	.910	.910	1.180	.690	.960	.890	.880	.960
7	1.230	1.010	1.590	1.000	1.210	1.210	.870	.940	1.150	1.110

Unit Cost Factor Data File

Code ID QF PERM CONSOLIDATED OPEN DINNING
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .84
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.020	.470	1.340	.040
1	.080	.180	.080	.740	.910	.630	1.410	.150	.630	.670
2	.270	.170	.600	.090	2.000	.250	1.290	.080	1.750	1.150
3	3.240	.280	1.470	.140	.280	.180	.750	.710	.170	1.320
4	1.870	.140	.420	.460	.620	.200	.250	.130	2.050	.140
5	1.180	.630	1.280	.670	.620	.190	2.970	.380	1.010	.610
6	3.050	.160	.230	.630	1.460	1.030	.580	.280	.630	.140
7	2.100	.440	2.140	.640	.320	2.080	.280	.180	1.490	.170

Code ID QG PERM
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.45
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.000	.010	.100	.110
1	.560	.400	.770	.710	1.450	.510	.450	.650	.630	.720
2	1.090	.360	.960	.420	.780	1.810	.750	1.890	.910	2.190
3	1.140	1.590	.580	.910	.410	.670	.520	.680	1.030	1.080
4	1.320	.610	.990	.890	.440	.860	.490	.800	.730	.400
5	1.220	1.450	1.110	1.080	1.490	2.050	1.060	.950	1.380	2.010
6	1.510	1.470	.920	1.800	1.170	.560	.630	1.480	.570	.850
7	1.740	.790	1.920	.920	1.050	2.870	.890	1.860	1.250	2.010

Code ID QH PERM RETAIL STORE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .76
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.030	.000	.050	.190	.750	.080
1	.150	.280	.390	.680	1.200	.430	1.030	.360	1.290	.640
2	.550	.310	.540	.260	1.200	.590	1.240	.430	2.790	1.200
3	1.790	.730	1.110	.570	.460	.340	1.110	.800	.400	1.400
4	1.550	.310	.560	.690	.490	.290	.330	.280	1.100	.270
5	.680	.820	1.070	.760	1.190	.630	3.770	.830	1.560	.450
6	2.020	.470	.500	.740	1.330	.700	.580	.410	.430	.400
7	2.150	.840	2.220	.950	.540	1.060	.570	.530	1.670	.530

Unit Cost Factor Data File

Code ID S0 TEMP LAUNDRY/DRY CLEANING FACILITY
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .58
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.080	.060	.040	.260	.100
1	.240	.180	.130	.340	.240	.300	.540	.270	.320	.710
2	.530	.380	.380	.150	.530	.250	.280	.200	.430	.360
3	.420	.670	.430	.490	.420	.430	.390	.530	.600	.670
4	1.030	.720	.520	.440	.360	.500	.280	.270	.460	.500
5	.340	.260	.630	.310	1.110	.640	.840	.390	.610	.510
6	1.100	.820	.530	.340	1.190	.200	.410	.710	.270	.350
7	.620	.300	1.080	.650	.510	.470	.700	.440	.530	.460

Code ID S1 TEMP GENERAL PURPOSE ADMINISTRATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .58
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.080	.060	.040	.260	.100
1	.240	.180	.130	.340	.240	.300	.540	.270	.320	.710
2	.530	.380	.380	.150	.530	.250	.280	.200	.430	.360
3	.420	.670	.430	.490	.420	.430	.390	.530	.600	.670
4	1.030	.720	.520	.440	.360	.500	.280	.270	.460	.500
5	.340	.260	.630	.310	1.110	.640	.840	.390	.610	.510
6	1.100	.820	.530	.340	1.190	.200	.410	.710	.270	.350
7	.620	.300	1.080	.650	.510	.470	.700	.440	.530	.460

Code ID S2 TEMP GENERAL PURPOSE ADMINISTRATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .58
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.080	.060	.040	.260	.100
1	.240	.180	.130	.340	.240	.300	.540	.270	.320	.710
2	.530	.380	.380	.150	.530	.250	.280	.200	.430	.360
3	.420	.670	.430	.490	.420	.430	.390	.530	.600	.670
4	1.030	.720	.520	.440	.360	.500	.280	.270	.460	.500
5	.340	.260	.630	.310	1.110	.640	.840	.390	.610	.510
6	1.100	.820	.530	.340	1.190	.200	.410	.710	.270	.350
7	.620	.300	1.080	.650	.510	.470	.700	.440	.530	.460

Unit Cost Factor Data File

Code ID S3 TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .58
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.080	.060	.040	.260	.100
1	.240	.180	.130	.340	.240	.300	.540	.270	.320	.710
2	.530	.380	.380	.150	.530	.250	.280	.200	.430	.360
3	.420	.670	.430	.490	.420	.430	.390	.530	.600	.670
4	1.030	.720	.520	.440	.360	.500	.280	.270	.460	.500
5	.340	.260	.630	.310	1.110	.640	.840	.390	.610	.510
6	1.100	.820	.530	.340	1.190	.200	.410	.710	.270	.350
7	.620	.300	1.080	.650	.510	.470	.700	.440	.530	.460

Code ID S4 TEMP POST OFFICE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .86
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.050	.000	.000	.120	.080	.030
1	.150	.090	.140	.850	1.150	.390	.170	.090	1.440	.160
2	1.050	.100	.480	.110	.190	.130	1.300	.130	.380	1.730
3	2.330	.490	.560	.220	.190	.430	1.320	.550	.170	1.020
4	2.510	.160	.120	1.180	.260	.250	.100	.100	.170	.110
5	.430	.610	1.460	.190	1.290	.390	.640	.990	.980	.310
6	3.320	.370	.380	.180	.820	.980	.260	.190	.290	.150
7	.930	1.080	1.680	.610	.290	.690	.360	.560	1.450	.230

Code ID S5 TEMP AUDITORIUM/THEATER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.09
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.000	.000	.500	.400	.030
1	.220	.170	1.010	.430	.890	.610	.590	.560	.900	.170
2	.380	.310	.470	.710	2.060	.710	2.070	1.050	1.220	.900
3	1.350	.600	1.220	.190	1.620	.190	.590	.910	.270	.960
4	1.340	.330	.750	.320	.750	.250	.080	.630	1.280	.200
5	.420	.750	.880	2.080	1.110	1.130	2.580	.900	1.350	.290
6	1.050	.500	1.330	2.070	.690	.430	.640	.270	.950	.620
7	.700	.770	.940	1.230	.760	1.590	.240	.490	1.270	.720

Unit Cost Factor Data File

Code ID S6 TEMP BOWLING CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .55
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.030	.000	.090	.120	.250	.040
1	.390	.350	.180	.660	.860	.290	.360	.210	.830	.550
2	.940	.180	.280	.170	.410	.540	1.310	.460	.440	.800
3	1.120	1.950	.550	.310	.540	.310	.460	.530	.490	1.490
4	2.470	.410	.230	.480	.530	.160	.200	.300	.450	.100
5	.560	.560	1.080	.740	1.000	.540	.830	.650	.690	.450
6	1.530	.340	1.950	.740	.620	.830	.800	.190	.370	.810
7	1.280	.710	1.210	.880	.740	.720	.440	.560	1.460	.620

Code ID S7 TEMP CHILD SUPPORT CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.15
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.030	.130	.020	.180	.820	1.000	.420
1	.340	.580	.300	.550	.710	1.640	.970	.860	.860	.560
2	1.430	.450	.770	1.080	1.430	.500	6.760	1.120	.870	7.720
3	.780	1.900	1.730	1.510	.950	1.060	.900	1.010	1.620	1.260
4	1.330	1.370	.670	.680	.700	.550	.860	1.150	1.670	1.130
5	.700	1.240	.560	.650	7.030	1.700	2.230	7.470	1.140	.650
6	.900	.820	1.260	1.720	1.430	.690	.640	.690	.820	1.650
7	.690	2.320	2.330	.990	2.160	1.280	.750	.700	1.000	1.850

Code ID S8 TEMP COMMISSARY
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .82
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.040	.000	.000	.000	.130	.130
1	1.340	.150	.170	.250	.690	.230	.230	.150	1.000	.390
2	1.610	.250	.220	.170	.380	2.130	1.770	.210	1.100	.750
3	2.610	.490	.310	.160	.230	.170	.960	.300	.220	.610
4	1.760	.220	.520	.300	.260	.330	.120	.140	.310	.250
5	3.420	.340	1.790	.340	.880	.330	1.040	.460	.800	.320
6	3.000	4.320	.490	.390	.340	.230	.230	.220	.290	.240
7	2.260	.360	1.190	.320	.120	2.840	.220	1.730	2.040	.250

Unit Cost Factor Data File

Code ID S9 TEMP ARTS & CRAFTS CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .69
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.020	.040	.000	.010	.140	.090	.060
1	.100	.140	.190	.540	1.060	.720	.160	.240	1.120	1.050
2	.210	.330	.390	.120	.320	.210	.690	.210	3.330	.880
3	2.170	.330	.380	.360	.320	.330	.700	1.000	.230	2.010
4	.520	.180	.880	.640	.400	.310	.090	.200	.440	.160
5	.810	.500	1.020	.160	.670	.760	3.160	1.180	1.260	.710
6	1.940	.150	.250	.170	.600	.440	.270	.280	.170	.260
7	1.790	1.020	1.080	.950	.280	1.690	.280	.370	2.070	.260

Code ID SA TEMP CONTINUING EDUCATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .53
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.010	.000	.000	.010	.020	.010
1	.070	.080	.080	.100	.300	.130	.160	.300	.620	.400
2	.360	.210	.220	.220	.230	.290	.390	.340	1.000	.430
3	1.480	.360	.440	.470	.410	.470	.840	.400	.420	.480
4	.460	.180	.420	.190	.230	.250	.210	.200	.260	.280
5	.490	.480	.470	.710	1.040	.830	1.400	.780	.520	.530
6	2.180	.610	.560	.400	.500	.540	.670	.410	.500	.490
7	1.310	.420	.960	.540	.410	1.130	.610	.520	.500	.420

Code ID SB TEMP PHYSICAL FITNESS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .85
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.160	.040	.010	.030	.360	.090
1	.210	.150	.330	.110	1.180	1.250	.410	.470	.500	.360
2	1.800	.100	.130	.140	.480	.480	.230	.350	2.330	.240
3	1.140	.310	.840	1.200	.150	.620	.730	.200	1.300	.700
4	3.370	.380	1.200	.210	.300	.310	.210	.160	.560	.180
5	.740	1.200	.420	.280	.570	.530	3.490	.660	.180	.290
6	6.210	.220	.340	.880	1.970	.190	.210	.500	.400	1.280
7	2.190	.260	1.520	.350	2.840	.550	.790	.270	.230	.190

Unit Cost Factor Data File

Code ID SC TEMP TRANSIENT HOUSING
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.44
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.010	.010	.030	.480	1.470	.150
1	.220	.250	.210	.510	.390	.930	1.720	.460	1.010	.650
2	.730	.550	.400	.700	2.040	.560	1.030	.630	.870	.700
3	1.350	1.150	2.160	.650	.860	.670	.860	1.280	.830	2.090
4	2.290	.660	.480	.590	.520	.350	.310	.760	1.990	.540
5	.710	.510	1.000	.640	.630	1.540	2.370	1.010	1.080	.470
6	1.610	.490	.990	1.100	3.090	.760	.530	.880	.630	.750
7	.940	.930	2.720	1.070	2.320	.930	.710	1.120	1.440	1.090

Code ID SD TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .61
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.050	.190	.300	.350	.290
1	.280	.210	.230	.360	.450	.560	.580	.720	.630	.520
2	.500	.360	.450	.490	.510	.540	.410	.410	.590	.540
3	.720	.890	.800	.650	.690	.590	.670	.670	.840	.910
4	.810	.530	.450	.440	.430	.410	.490	.470	.580	.600
5	.460	.500	.530	.470	.670	1.070	1.160	1.040	.820	.680
6	.700	.570	.640	.740	.760	.620	.550	.730	.600	.630
7	.940	1.070	1.190	1.020	.950	.780	.760	.870	.700	.790

Code ID SE TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .61
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.050	.190	.300	.350	.290
1	.280	.210	.230	.360	.450	.560	.580	.720	.630	.520
2	.500	.360	.450	.490	.510	.540	.410	.410	.590	.540
3	.720	.890	.800	.650	.690	.590	.670	.670	.840	.910
4	.810	.530	.450	.440	.430	.410	.490	.470	.580	.600
5	.460	.500	.530	.470	.670	1.070	1.160	1.040	.820	.680
6	.700	.570	.640	.740	.760	.620	.550	.730	.600	.630
7	.940	1.070	1.190	1.020	.950	.780	.760	.870	.700	.790

Unit Cost Factor Data File

Code ID SF TEMP CONSOLIDATED OPEN DINNING
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .84
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.020	.470	1.340	.040
1	.080	.180	.080	.740	.910	.630	1.410	.150	.630	.670
2	.270	.170	.600	.090	2.000	.250	1.290	.080	1.750	1.150
3	3.240	.280	1.470	.140	.280	.180	.750	.710	.170	1.320
4	1.870	.140	.420	.460	.620	.200	.250	.130	2.050	.140
5	1.180	.630	1.280	.670	.620	.190	2.970	.380	1.010	.610
6	3.050	.160	.230	.630	1.460	1.030	.580	.280	.630	.140
7	2.100	.440	2.140	.640	.320	2.080	.280	.180	1.490	.170

Code ID SG TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.45
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.000	.010	.100	.110
1	.560	.400	.770	.710	1.450	.510	.450	.650	.630	.720
2	1.090	.360	.960	.420	.780	1.810	.750	1.890	.910	2.190
3	1.140	1.590	.580	.910	.410	.670	.520	.680	1.030	1.080
4	1.320	.610	.990	.890	.440	.860	.490	.800	.730	.400
5	1.220	1.450	1.110	1.080	1.490	2.050	1.060	.950	1.380	2.010
6	1.510	1.470	.920	1.800	1.170	.560	.630	1.480	.570	.850
7	1.740	.790	1.920	.920	1.050	2.870	.890	1.860	1.250	2.010

Code ID SH TEMP RETAIL STORE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .68
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.290	.600	.580	.360
1	.190	.160	.130	.240	.570	.740	.810	.700	.830	.530
2	.520	.380	.550	.710	.810	.620	.360	.330	.550	.510
3	1.060	1.080	1.080	.770	.780	.460	.870	.660	.700	1.290
4	1.250	.590	.310	.410	.350	.320	.460	.730	.850	.570
5	.510	.280	.450	.380	.870	1.360	1.230	1.050	.680	.480
6	1.060	.530	.740	.950	1.070	.510	.330	.460	.420	.230
7	1.280	1.200	1.400	.960	.600	.670	.510	.670	.660	.890

Unit Cost Factor Data File

Code ID T0 TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .61
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.050	.190	.300	.350	.290
1	.280	.210	.230	.360	.450	.560	.580	.720	.630	.520
2	.500	.360	.450	.490	.510	.540	.410	.410	.590	.540
3	.720	.890	.800	.650	.690	.590	.670	.670	.840	.910
4	.810	.530	.450	.440	.430	.410	.490	.470	.580	.600
5	.460	.500	.530	.470	.670	1.070	1.160	1.040	.820	.680
6	.700	.570	.640	.740	.760	.620	.550	.730	.600	.630
7	.940	1.070	1.190	1.020	.950	.780	.760	.870	.700	.790

Code ID T1 TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .61
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.050	.190	.300	.350	.290
1	.280	.210	.230	.360	.450	.560	.580	.720	.630	.520
2	.500	.360	.450	.490	.510	.540	.410	.410	.590	.540
3	.720	.890	.800	.650	.690	.590	.670	.670	.840	.910
4	.810	.530	.450	.440	.430	.410	.490	.470	.580	.600
5	.460	.500	.530	.470	.670	1.070	1.160	1.040	.820	.680
6	.700	.570	.640	.740	.760	.620	.550	.730	.600	.630
7	.940	1.070	1.190	1.020	.950	.780	.760	.870	.700	.790

Code ID T2 TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .61
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.050	.190	.300	.350	.290
1	.280	.210	.230	.360	.450	.560	.580	.720	.630	.520
2	.500	.360	.450	.490	.510	.540	.410	.410	.590	.540
3	.720	.890	.800	.650	.690	.590	.670	.670	.840	.910
4	.810	.530	.450	.440	.430	.410	.490	.470	.580	.600
5	.460	.500	.530	.470	.670	1.070	1.160	1.040	.820	.680
6	.700	.570	.640	.740	.760	.620	.550	.730	.600	.630
7	.940	1.070	1.190	1.020	.950	.780	.760	.870	.700	.790

Unit Cost Factor Data File

Code ID T3 TEMP
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .61
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.050	.190	.300	.350	.290
1	.280	.210	.230	.360	.450	.560	.580	.720	.630	.520
2	.500	.360	.450	.490	.510	.540	.410	.410	.590	.540
3	.720	.890	.800	.650	.690	.590	.670	.670	.840	.910
4	.810	.530	.450	.440	.430	.410	.490	.470	.580	.600
5	.460	.500	.530	.470	.670	1.070	1.160	1.040	.820	.680
6	.700	.570	.640	.740	.760	.620	.550	.730	.600	.630
7	.940	1.070	1.190	1.020	.950	.780	.760	.870	.700	.790

Code ID T4 TEMP GENERAL INSTRUCTIONAL BUILDINGS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .96
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.060	.010	.010	.050	.070
1	.330	.190	.220	.360	.350	.420	.330	.540	.460	.850
2	.990	.580	.690	.500	.560	.470	.560	.650	.680	.790
3	2.030	.720	.710	.620	.850	.780	.740	.790	.820	.670
4	1.090	.580	.490	.350	.490	.590	.320	.450	.360	.570
5	.720	.520	.810	.520	.750	.990	.880	.810	.760	.830
6	2.130	.960	.640	.660	.580	.510	.450	.680	.810	.840
7	1.080	1.040	1.200	1.160	.990	1.390	1.070	1.130	1.000	.930

Code ID T5 TEMP APPLIED INSTRUCTIONAL BUILDINGS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .90
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.030	.040	.150	.110
1	.290	.340	.150	.700	.780	.520	.190	.820	.770	.780
2	.960	.640	.350	.160	.380	.440	1.100	.540	.380	1.360
3	.900	.680	.730	.780	.560	1.100	.490	.770	.800	1.140
4	1.050	.890	.500	.550	.410	.320	.280	.290	.400	.380
5	.740	.430	1.020	.780	.510	.740	1.130	.920	1.660	.730
6	1.500	1.100	.590	.560	.690	1.000	.570	.800	.840	.770
7	.680	1.280	1.120	.590	1.540	.910	.770	1.120	1.030	.790

Unit Cost Factor Data File

Code ID T6 TEMP AVIATION UNIT MAINTENANCE HANGAR
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.39
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.000	.050	.010	.020	.520	.290	.280
1	.680	.360	.460	.900	.490	.360	.460	.600	.690	.500
2	.610	.210	.350	.280	.350	.970	1.680	.900	1.100	.880
3	1.160	.470	.400	.380	.250	.400	.830	.640	.740	1.270
4	.820	.280	.210	.250	.760	.440	.420	.620	.330	.250
5	.610	.940	1.410	1.130	.770	.570	1.540	.390	.690	.470
6	1.100	.540	.930	.530	.810	1.040	.580	.480	.530	.340
7	.840	.780	.880	.770	.620	1.990	.450	.890	1.500	.880

Code ID T7 TEMP AVIATION UNIT MAINTENANCE HANGAR
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.39
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.000	.050	.010	.020	.520	.290	.280
1	.680	.360	.460	.900	.490	.360	.460	.600	.690	.500
2	.610	.210	.350	.280	.350	.970	1.680	.900	1.100	.880
3	1.160	.470	.400	.380	.250	.400	.830	.640	.740	1.270
4	.820	.280	.210	.250	.760	.440	.420	.620	.330	.250
5	.610	.940	1.410	1.130	.770	.570	1.540	.390	.690	.470
6	1.100	.540	.930	.530	.810	1.040	.580	.480	.530	.340
7	.840	.780	.880	.770	.620	1.990	.450	.890	1.500	.880

Code ID T8 TEMP ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.14
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.040	.140	.220	.210	.250
1	.400	.180	.190	.260	.260	.320	.460	.790	.690	.550
2	.620	.330	.290	.390	.430	.370	.940	1.000	.710	1.160
3	1.110	.660	.760	.470	.710	.740	.850	.790	.650	.840
4	.630	.330	.390	.520	.550	.640	.560	.600	.410	.280
5	.560	.620	.610	.710	1.500	1.320	1.140	1.430	1.300	.750
6	.970	1.020	1.190	.680	.950	.710	.700	.780	.860	.630
7	.660	.800	1.220	.900	1.170	.740	1.090	.880	.520	.650

Unit Cost Factor Data File

Code ID T9 TEMP DS/GS VEHICLE MAINTENANCE SHOP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .53
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.050	.010	.010	.020	.060	.030
1	.070	.080	.080	.290	.130	.090	.150	.100	.090	.120
2	.300	.130	.110	.170	.220	.960	4.090	.090	4.920	.320
3	3.780	.920	.240	.340	.140	.170	.200	.180	.160	.500
4	.250	.150	.150	.120	.170	.160	.060	.080	.090	.160
5	.260	.130	.470	3.550	3.540	.130	5.280	.170	4.400	3.740
6	1.720	.160	.110	.390	.210	.330	2.910	.390	.370	.340
7	.500	.370	.380	.360	.410	1.850	.410	.350	.820	.450

Code ID TA TEMP SPECIAL PURPOSE MAINTENANCE SHOPS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.04
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	.260	.060	.270
1	.080	.070	.280	.030	.390	.080	.040	.790	.120	.780
2	.090	1.320	.110	.090	.460	.060	.930	.780	.310	1.170
3	.190	.670	.330	.300	.220	.730	.170	.210	2.290	1.360
4	.320	.110	.550	1.290	.230	.630	.720	.240	.250	.350
5	.250	.160	1.040	.220	4.520	.400	.410	1.220	.210	1.350
6	.680	.090	1.390	.450	2.340	.190	.370	.220	.360	.390
7	.500	.660	.690	.720	.480	.260	.540	1.620	.540	2.690

Code ID TB TEMP REPAIR AND OPERATION MAINTENANCE SHOPS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .92
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.000	.060	.020	.010	.050	.310	.040
1	.260	.230	.400	.120	.450	.620	.390	.370	4.390	.400
2	1.000	.300	.150	.230	.320	.530	.500	.610	24.800	.310
3	3.480	.620	.690	.680	.240	.610	.370	.500	.560	.780
4	.890	1.060	.420	.290	.350	.200	.470	4.220	.480	.310
5	.600	.490	.480	.310	1.040	.630	25.100	.870	.470	.380
6	4.640	1.040	1.140	.510	1.750	.180	.370	.270	.560	.550
7	.580	.630	1.080	.470	1.520	5.190	.750	.880	.380	.490

Unit Cost Factor Data File

Code ID TC TEMP AMMUNITION STORAGE FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .34
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.050	.050	.160	.050
1	.120	.030	.010	.060	.140	.050	.170	.050	.050	.010
2	.150	.050	.050	.050	.170	.650	1.620	1.200	1.360	1.470
3	1.820	.070	.160	.070	.030	.060	.070	.060	.070	.100
4	.290	.010	.120	.060	.080	.070	.070	.070	.140	.030
5	.170	.230	.130	.670	1.660	1.380	1.500	1.440	1.690	.210
6	.380	.090	.060	.160	.220	.070	.080	.220	.180	.090
7	.220	.220	.260	.090	.100	.400	.080	.140	.180	.100

Code ID TD TEMP COLD STORAGE FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.24
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.020	.070	.110	.030
1	.210	.980	1.110	1.470	1.290	1.390	.650	1.420	1.680	.720
2	1.840	.940	1.250	.260	.280	.820	1.900	2.210	.860	2.500
3	2.220	1.520	1.540	1.980	.900	1.910	1.670	1.170	.860	1.220
4	.540	.300	.520	1.590	.660	1.170	1.090	1.420	1.180	1.120
5	1.290	1.440	2.990	.870	1.730	.350	1.670	1.070	1.610	1.520
6	2.620	1.250	2.190	1.070	2.000	1.960	.910	2.160	1.180	1.400
7	.820	.360	1.440	.450	.240	2.680	.650	2.250	2.300	1.920

Code ID TE TEMP GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .45
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.030	.040	.070	.070
1	.120	.060	.100	.090	.140	.120	.160	.360	.360	.320
2	.390	.200	.150	.160	.220	.250	.240	.730	.740	.970
3	.850	.800	.880	.250	.440	.440	.380	.430	.360	.430
4	.440	.310	.150	.280	.270	.210	.220	.170	.230	.290
5	.540	.380	.650	.640	.750	.770	.970	1.320	1.220	1.480
6	1.030	1.220	1.000	.550	.580	.360	.510	.640	.470	.400
7	.350	.470	.540	.490	.540	.500	.450	.430	.360	.460

Unit Cost Factor Data File

Code ID TF TEMP GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .45
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.030	.040	.070	.070
1	.120	.060	.100	.090	.140	.120	.160	.360	.360	.320
2	.390	.200	.150	.160	.220	.250	.240	.730	.740	.970
3	.850	.800	.880	.250	.440	.440	.380	.430	.360	.430
4	.440	.310	.150	.280	.270	.210	.220	.170	.230	.290
5	.540	.380	.650	.640	.750	.770	.970	1.320	1.220	1.480
6	1.030	1.220	1.000	.550	.580	.360	.510	.640	.470	.400
7	.350	.470	.540	.490	.540	.500	.450	.430	.360	.460

Code ID TG TEMP GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .45
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.030	.040	.070	.070
1	.120	.060	.100	.090	.140	.120	.160	.360	.360	.320
2	.390	.200	.150	.160	.220	.250	.240	.730	.740	.970
3	.850	.800	.880	.250	.440	.440	.380	.430	.360	.430
4	.440	.310	.150	.280	.270	.210	.220	.170	.230	.290
5	.540	.380	.650	.640	.750	.770	.970	1.320	1.220	1.480
6	1.030	1.220	1.000	.550	.580	.360	.510	.640	.470	.400
7	.350	.470	.540	.490	.540	.500	.450	.430	.360	.460

Code ID TH TEMP GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .45
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.030	.040	.070	.070
1	.120	.060	.100	.090	.140	.120	.160	.360	.360	.320
2	.390	.200	.150	.160	.220	.250	.240	.730	.740	.970
3	.850	.800	.880	.250	.440	.440	.380	.430	.360	.430
4	.440	.310	.150	.280	.270	.210	.220	.170	.230	.290
5	.540	.380	.650	.640	.750	.770	.970	1.320	1.220	1.480
6	1.030	1.220	1.000	.550	.580	.360	.510	.640	.470	.400
7	.350	.470	.540	.490	.540	.500	.450	.430	.360	.460

Unit Cost Factor Data File

Code ID TI TEMP HOSPITALS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .91
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.390	.940	.550	.650
1	.210	.270	.150	.310	.750	1.320	.630	.970	1.020	.650
2	.780	.370	.560	1.440	.690	1.180	.260	.430	.870	.630
3	1.100	1.830	1.030	1.530	.710	.450	1.080	.830	.950	2.230
4	1.740	1.180	.520	.950	.480	.600	.830	1.510	.940	1.040
5	.860	.470	.400	.280	1.260	1.810	1.050	1.330	1.280	.750
6	1.210	1.260	1.070	1.840	.840	1.580	.410	.500	.480	1.160
7	1.020	1.970	1.410	2.100	.820	1.380	.760	1.850	1.260	1.800

Code ID TJ TEMP DENTAL CLINICS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.41
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.020	.100	.010	.000	.420	.610	.220
1	.390	.470	1.090	.550	1.800	1.120	1.340	.620	2.330	1.840
2	1.240	1.050	.680	.520	.860	.810	1.200	1.530	2.310	1.530
3	4.620	.740	1.750	.900	.560	.540	2.000	1.710	1.300	3.070
4	2.830	.910	1.480	1.180	.780	.860	.940	.690	1.780	.840
5	1.160	1.420	1.650	.670	1.940	1.090	2.980	1.750	2.310	1.370
6	4.680	.540	.830	.430	1.790	.640	1.060	.990	1.000	1.180
7	2.460	2.170	3.100	1.980	1.360	3.980	.870	1.900	3.370	1.340

Code ID TK TEMP HEALTH CLINICS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.23
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.170	.330	.280	.390
1	.870	.400	.890	.600	1.150	1.180	.900	1.190	1.820	.710
2	1.130	.500	.770	1.020	.800	1.100	.630	.940	1.140	1.070
3	1.310	1.980	.970	1.540	.930	.830	1.480	.960	1.370	1.490
4	2.510	1.000	1.070	.580	.920	.750	.940	.900	1.050	.850
5	.940	.890	.580	.810	1.480	1.910	1.720	1.380	1.410	1.500
6	1.440	1.370	.810	1.590	.830	1.150	.940	1.180	1.060	1.450
7	1.550	4.770	2.000	1.840	1.640	3.960	1.640	1.470	1.470	3.970

Unit Cost Factor Data File

Code ID TL TEMP GENERAL PURPOSE ADMINISTRATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .61
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.050	.190	.300	.350	.290
1	.280	.210	.230	.360	.450	.560	.580	.720	.630	.520
2	.500	.360	.450	.490	.510	.540	.410	.410	.590	.540
3	.720	.890	.800	.650	.690	.590	.670	.670	.840	.910
4	.810	.530	.450	.440	.430	.410	.490	.470	.580	.600
5	.460	.500	.530	.470	.670	1.070	1.160	1.040	.820	.680
6	.700	.570	.640	.740	.760	.620	.550	.730	.600	.630
7	.940	1.070	1.190	1.020	.950	.780	.760	.870	.700	.790

Code ID TM TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .61
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.050	.190	.300	.350	.290
1	.280	.210	.230	.360	.450	.560	.580	.720	.630	.520
2	.500	.360	.450	.490	.510	.540	.410	.410	.590	.540
3	.720	.890	.800	.650	.690	.590	.670	.670	.840	.910
4	.810	.530	.450	.440	.430	.410	.490	.470	.580	.600
5	.460	.500	.530	.470	.670	1.070	1.160	1.040	.820	.680
6	.700	.570	.640	.740	.760	.620	.550	.730	.600	.630
7	.940	1.070	1.190	1.020	.950	.780	.760	.870	.700	.790

Code ID TN TEMP FAMILY HOUSING
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.22
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.030	.120	.200	.260	.300
1	.550	.570	.560	.620	.680	.650	.630	.870	.860	.740
2	.640	.560	.560	.510	.610	.950	.870	.910	.940	.910
3	1.100	1.160	1.100	.990	1.050	.800	.860	.940	1.130	1.090
4	1.150	.880	.780	.780	.780	.690	.750	.780	.830	.880
5	.930	1.030	.970	.910	.990	1.390	1.390	1.490	1.430	1.330
6	1.270	1.280	1.350	1.220	1.370	.960	1.100	1.140	1.170	1.110
7	1.580	1.880	1.750	1.540	1.620	1.550	1.550	1.650	1.640	1.550

Unit Cost Factor Data File

Code ID TO TEMP
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.10
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.050	.190	.240	.300	.280
1	.520	.440	.360	.470	.560	.600	.570	.660	.620	.450
2	.400	.530	.520	.450	.480	.790	.620	.690	.820	.870
3	.980	1.130	1.060	.950	.850	.530	.680	.700	.750	.710
4	.880	.700	.820	1.000	1.040	.890	.930	1.020	1.000	.930
5	.890	1.080	.880	.870	.950	1.170	1.000	1.360	1.330	1.350
6	1.580	1.510	1.700	1.250	1.620	.960	1.260	1.330	1.410	1.300
7	1.590	2.210	1.740	1.480	1.770	1.520	1.450	1.580	1.670	1.320

Code ID TP TEMP
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .79
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.130	.250	.280	.270
1	.310	.310	.340	.420	.490	.500	.460	.620	.560	.470
2	.480	.380	.460	.480	.490	.570	.450	.460	.500	.470
3	.630	.670	.650	.510	.580	.600	.630	.680	.870	.880
4	.810	.500	.370	.320	.320	.290	.410	.440	.460	.510
5	.540	.620	.620	.570	.730	.880	.940	.850	.750	.630
6	.550	.520	.590	.670	.720	.650	.670	.700	.710	.640
7	1.200	1.440	1.440	1.080	1.110	1.260	1.080	1.180	1.050	1.380

Code ID TQ TEMP
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.50
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.060	.120	.200	.290
1	.610	.770	.800	.860	.880	.680	.670	.890	.910	.840
2	.720	.610	.630	.570	.840	1.310	1.290	1.270	1.150	1.020
3	1.250	1.250	1.220	1.110	1.220	.920	.950	1.130	1.440	1.380
4	1.340	.990	.810	.760	.690	.650	.710	.690	.790	.930
5	1.060	1.200	1.190	1.130	1.080	1.480	1.530	1.580	1.540	1.460
6	1.260	1.350	1.350	1.320	1.470	1.160	1.210	1.200	1.170	1.130
7	1.670	1.730	1.710	1.660	1.620	1.450	1.720	1.830	1.810	1.720

Unit Cost Factor Data File

Code ID TR TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.50
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.080	.170	.270	.340
1	.750	.770	.720	.730	.770	.840	.830	1.310	1.350	1.210
2	.970	.710	.630	.550	.650	1.140	1.130	1.210	1.280	1.280
3	1.540	1.600	1.480	1.390	1.560	1.150	1.160	1.250	1.470	1.410
4	1.590	1.340	1.100	1.040	1.060	.930	.940	.960	1.080	1.160
5	1.230	1.230	1.210	1.080	1.210	2.040	2.110	2.180	2.110	1.870
6	1.700	1.740	1.780	1.630	1.670	1.070	1.260	1.340	1.400	1.350
7	1.870	2.130	2.090	1.940	1.960	1.960	1.970	2.030	2.050	1.780

Code ID TS TEMP UNACCOMPANIED PERSONNEL HOUSING, ENLISTED
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .90
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.000	.000	.020	.070	.110
1	.250	.260	.320	.390	.390	.400	.390	.570	.620	.650
2	.680	.560	.550	.430	.360	.430	.480	.450	.520	.490
3	.610	.710	.660	.620	.750	.700	.720	.750	.850	.770
4	.700	.550	.340	.330	.300	.270	.290	.280	.430	.610
5	.620	.660	.660	.660	.690	.930	.950	.920	.910	.770
6	.670	.710	.690	.660	.610	.580	.700	.800	.790	.750
7	.860	1.000	.960	.960	.950	.880	.870	.780	.750	.690

Code ID TT TEMP BASIC TRAINEE BARRACKS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .67
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.070	.070	.000	.020	.100	.140	.100
1	.220	.320	.410	.480	.500	.590	.480	.420	.510	.540
2	.600	.570	.550	.460	.440	.440	.590	.720	.770	.610
3	.610	.840	.780	.630	.660	.660	.690	.620	.650	.710
4	.760	.560	.450	.520	.320	.220	.220	.310	.420	.570
5	.560	.630	.560	.500	.760	.890	.910	.950	.790	.670
6	.650	.570	.530	.590	.580	.370	.460	.710	.730	.600
7	.640	.800	.600	.490	.560	.670	.650	.470	.590	.550

Unit Cost Factor Data File

Code ID TU TEMP DINNING FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .69
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.000	.010	.050	.060	.080	.140
1	.290	.280	.290	.350	.440	.430	.370	.650	.660	.530
2	.630	.440	.420	.390	.430	.590	.570	.500	.580	.580
3	.920	.750	.660	.670	.620	.680	.700	.700	.770	.790
4	.690	.460	.410	.440	.440	.410	.380	.340	.390	.500
5	.500	.520	.580	.590	.980	.900	1.000	.960	.950	.910
6	1.140	.800	.830	.810	.920	.660	.980	.890	.840	.920
7	.850	1.090	1.100	1.090	1.190	.820	.960	.880	.640	.920

Code ID TV TEMP UNACCOMPANIED PERSONNEL HOUSING, OFFICES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .83
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.060	.000	.000	.000	.180	.010
1	.050	.020	.110	.020	.480	.050	.280	.060	.630	.200
2	.410	.030	.660	.030	.230	.050	.030	.140	.440	.150
3	.300	.230	.530	.640	.230	.200	.420	.950	.440	.220
4	1.070	.710	.170	.150	.730	.160	.190	.300	.500	.250
5	.330	.650	.290	.200	.400	.680	.650	.100	.550	.100
6	.670	.220	.140	.330	.570	.220	.150	.220	.220	.600
7	.300	.160	.630	.710	.290	1.420	.740	.350	.600	.580

Code ID TW TEMP FIRE STATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .73
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.060	.000	.190	.200	.200	.250
1	.500	.090	.310	.570	.170	.420	.700	.520	.690	.710
2	1.010	.320	.550	.120	.580	.310	.190	.170	.420	.880
3	.720	1.120	.330	.420	.950	.190	.940	.760	.850	.430
4	1.400	1.000	.240	.600	.710	.430	.500	.600	.460	.730
5	.440	.320	.960	.290	.390	.810	.960	1.020	1.380	.510
6	.680	.750	.960	.220	.320	.240	.480	.830	.740	.460
7	.520	.880	1.070	1.330	.410	.850	.820	1.270	.310	.180

Unit Cost Factor Data File

Code ID TX TEMP CONFINEMENT FACILITY
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .58
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.080	.060	.040	.260	.100
1	.240	.180	.130	.340	.240	.300	.540	.270	.320	.710
2	.530	.380	.380	.150	.530	.250	.280	.200	.430	.360
3	.420	.670	.430	.490	.420	.430	.390	.530	.600	.670
4	1.030	.720	.520	.440	.360	.500	.280	.270	.460	.500
5	.340	.260	.630	.310	1.110	.640	.840	.390	.610	.510
6	1.100	.820	.530	.340	1.190	.200	.410	.710	.270	.350
7	.620	.300	1.080	.650	.510	.470	.700	.440	.530	.460

Code ID TY TEMP CHAPELS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.50
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.050	.000	.650	.650	1.510	.070
1	.100	.380	.180	.800	1.150	.770	1.580	.690	.940	.940
2	.960	.940	2.360	.810	2.900	.440	1.340	.950	1.060	1.530
3	1.510	1.650	1.730	.950	1.000	1.050	.770	2.440	.880	1.930
4	3.200	.220	.640	.220	.240	.200	1.360	.840	2.370	.220
5	1.020	.140	2.810	3.180	1.250	1.620	3.420	.900	.910	3.180
6	3.150	.220	1.340	3.290	1.690	.600	2.600	1.320	1.010	1.180
7	1.350	.930	2.590	1.300	1.090	1.520	1.240	.730	1.210	2.480

Code ID TZ TEMP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.14
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.040	.140	.220	.210	.250
1	.400	.180	.190	.260	.260	.320	.460	.790	.690	.550
2	.620	.330	.290	.390	.430	.370	.940	1.000	.710	1.160
3	1.110	.660	.760	.470	.10	.740	.850	.790	.650	.840
4	.630	.330	.390	.520	.550	.640	.560	.600	.410	.280
5	.560	.620	.610	.710	1.500	1.320	1.140	1.430	1.300	.750
6	.970	1.020	1.190	.680	.950	.710	.700	.780	.860	.630
7	.660	.800	1.220	.900	1.170	.740	1.090	.880	.520	.650

Unit Cost Factor Data File

Code ID U1 TOTL ARTS & CRAFTS CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .69
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.020	.040	.000	.010	.140	.090	.060
1	.100	.140	.190	.540	1.060	.720	.160	.240	1.120	1.050
2	.210	.330	.390	.120	.320	.210	.690	.210	3.330	.880
3	2.170	.330	.380	.360	.320	.330	.700	1.000	.240	2.010
4	.520	.180	.880	.640	.400	.310	.090	.200	.440	.160
5	.810	.500	1.020	.160	.670	.760	3.160	1.180	1.260	.710
6	1.940	.150	.250	.170	.600	.440	.270	.280	.170	.260
7	1.790	1.020	1.080	.960	.290	1.690	.280	.370	2.070	.260

Code ID U2 TOTL CONTINUING EDUCATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .53
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.010	.000	.000	.010	.020	.010
1	.070	.080	.080	.100	.300	.130	.160	.300	.620	.400
2	.360	.210	.220	.220	.230	.300	.390	.340	1.000	.430
3	1.480	.360	.440	.470	.410	.470	.840	.400	.420	.480
4	.460	.180	.420	.190	.240	.250	.210	.200	.260	.280
5	.490	.480	.470	.710	1.040	.830	1.400	.780	.520	.530
6	2.180	.610	.560	.400	.510	.540	.670	.410	.500	.490
7	1.310	.420	.960	.540	.420	1.130	.610	.520	.500	.420

Code ID U3 TOTL PHYSICAL FITNESS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .85
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.060	.020	.050	.300	.280	.310
1	.220	.440	.310	.660	.600	.570	.330	.480	.490	.450
2	1.070	.450	.200	.200	.470	.570	1.180	.660	.740	1.160
3	1.060	.740	.620	.570	.480	.350	.490	.630	.560	1.150
4	2.300	.960	.360	.470	.430	.300	.160	.490	.400	.490
5	.980	.850	.890	.750	.890	.580	1.360	.790	.830	.800
6	2.390	.850	.500	.980	.800	.640	.460	.820	.420	1.420
7	1.070	.690	1.020	.490	1.040	.690	.800	.700	1.180	.860

Unit Cost Factor Data File

Code ID U4 TOTL TRANSIENT HOUSING
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.44
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.010	.010	.030	.480	1.470	.150
1	.220	.250	.210	.510	.390	.930	1.720	.460	1.010	.650
2	.730	.550	.400	.700	2.040	.560	1.030	.630	.870	.700
3	1.350	1.150	2.160	.650	.860	.670	.860	1.280	.830	2.090
4	2.290	.660	.480	.590	.520	.350	.310	.760	1.990	.540
5	.710	.510	1.000	.640	.630	1.540	2.370	1.010	1.080	.470
6	1.610	.490	.990	1.100	3.090	.760	.530	.880	.630	.750
7	.940	.930	2.720	1.070	2.320	.930	.710	1.120	1.440	1.090

Code ID U5 TOTL CONSOLIDATED OPEN DINNING
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .84
 MRT For Major Cost Tasks and Replacement tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.020	.470	1.340	.040
1	.080	.180	.080	.740	.910	.630	1.410	.150	.630	.670
2	.270	.170	.600	.090	2.000	.250	1.290	.080	1.750	1.150
3	3.240	.280	1.470	.140	.280	.180	.750	.710	.170	1.320
4	1.870	.140	.420	.460	.620	.200	.250	.130	2.050	.140
5	1.180	.630	1.280	.670	.620	.190	2.970	.390	1.010	.610
6	3.050	.160	.230	.630	1.460	1.030	.580	.280	.630	.140
7	2.100	.440	2.140	.640	.320	2.080	.280	.180	1.490	.170

Code ID U6 TOTL (NOT USED)
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.45
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.000	.010	.130	.110
1	.560	.400	.770	.710	1.450	.510	.450	.650	.630	.720
2	1.090	.360	.960	.420	.780	1.810	.750	1.890	.910	2.190
3	1.140	1.590	.580	.910	.410	.670	.520	.680	1.030	1.080
4	1.320	.610	.990	.890	.440	.860	.490	.800	.730	.400
5	1.220	1.450	1.110	1.080	1.490	2.050	1.060	.950	1.380	2.010
6	1.510	1.470	.920	1.800	1.170	.560	.630	1.480	.570	.850
7	1.740	.790	1.920	.920	1.050	2.870	.890	1.860	1.250	2.010

Unit Cost Factor Data File

Code ID U7 TOTL RETAIL STORE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .72
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.170	.390	.670	.210
1	.170	.220	.260	.470	.900	.580	.920	.520	1.070	.590
2	.540	.340	.540	.480	1.010	.610	.620	.380	1.710	.870
3	1.440	.900	1.100	.670	.620	.400	.970	.730	.540	1.350
4	1.400	.440	.440	.550	.420	.310	.390	.500	.980	.420
5	.600	.560	.770	.570	1.030	.980	2.550	.940	1.140	.460
6	1.560	.500	.610	.840	1.210	.610	.460	.430	.430	.310
7	1.730	1.010	1.830	.950	.570	.870	.540	.600	1.180	.700

Code ID U8 TOTL
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .80
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.040	.040	.040	.040	.190	.550	.080
1	.270	.210	.280	.440	.580	.580	.750	.390	.530	.610
2	.540	.360	.360	.350	1.070	.430	.460	.680	.660	.680
3	1.990	.920	.910	.430	.600	.420	.510	.550	.570	.850
4	1.320	.700	.560	.500	.440	.490	.300	.420	.840	.450
5	.400	.500	.690	.590	.830	.830	1.300	.740	.740	.580
6	2.580	.840	.560	.640	1.190	.320	.450	.650	.500	.450
7	.850	.680	1.330	.680	.760	1.020	.600	.590	.730	.570

Code ID UA TOTL GENERAL INSTRUCTIONAL BUILDINGS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .81
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.020	.010	.090	.160	.170
1	.370	.300	.250	.300	.370	.430	.290	.470	.490	.540
2	.620	.510	.400	.320	.420	.470	.450	1.430	1.760	1.550
3	2.640	1.530	1.410	.640	.570	.450	.430	.600	.610	.690
4	.760	.510	.500	.330	.400	.380	.260	.370	.420	.440
5	.670	.600	.730	.550	.600	.840	.970	1.860	1.630	1.900
6	2.870	1.610	1.520	.640	.740	.510	.550	.740	.770	.860
7	.970	.910	.850	.790	.760	1.170	.710	.790	.790	.720

Unit Cost Factor Data File

Code ID UB TOTL APPLIED INSTRUCTIONAL BUILDINGS
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor .82
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.130	.020	.020	.030	.510	.070
1	.440	.180	.280	.230	.560	.260	.640	.250	.960	.290
2	.990	.280	.220	.170	.680	.260	.410	.440	1.050	.610
3	3.990	.940	.800	.350	.290	.370	.510	.920	.340	.460
4	1.480	.610	.480	.300	.330	.260	.230	.210	.740	.250
5	.810	.350	.510	.350	.490	.990	1.440	.490	.640	.460
6	4.430	.710	.660	.290	.750	.320	.260	.330	.550	.320
7	.970	.460	1.580	.940	.460	1.790	.500	.500	.520	.380

Code ID UC TOTL AVIATION UNIT MAINTENANCE HANGAR
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.39
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.000	.050	.010	.020	.520	.290	.280
1	.680	.360	.460	.900	.490	.360	.460	.600	.690	.500
2	.610	.210	.350	.290	.350	.970	1.680	.900	1.100	.890
3	1.160	.470	.400	.380	.250	.400	.830	.640	.740	1.270
4	.830	.280	.210	.250	.760	.440	.420	.620	.330	.250
5	.610	.940	1.410	1.130	.770	.570	1.540	.390	.690	.470
6	1.100	.540	.930	.530	.810	1.040	.580	.480	.530	.340
7	.840	.780	.880	.770	.620	1.990	.450	.890	1.500	.880

Code ID UD TOTL ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
Unit Cost Special Condition Multiplier 1.00
Annual Recurring Maintenance Factor 1.02
MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.040	.060	.030	.150	.170	.220	.170
1	.330	.360	.430	.380	.520	.390	.450	.460	.520	.470
2	.520	.500	.340	.380	.560	.800	1.640	.830	1.430	1.230
3	1.400	.790	.580	.500	.480	.640	.600	.610	.510	.820
4	.650	.380	.430	.720	.490	.420	.420	.390	.530	.460
5	.580	.660	.740	.800	1.740	.930	1.820	1.320	1.650	.740
6	.760	.830	.800	.540	.740	.690	.720	.850	.700	.660
7	.730	.890	.930	.880	.850	.960	.770	.770	.770	.860

Unit Cost Factor Data File

Code ID UE TOTL DS/GS VEHICLE MAINTENANCE SHOP
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.02
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.040	.090	.110	.220	.170	.160
1	.240	.230	.470	.370	.540	.380	.310	.420	.440	.610
2	.490	.400	.450	.360	.590	1.120	1.820	.950	4.150	.710
3	2.180	.670	.680	.470	.630	.490	.610	.690	.680	.930
4	.710	.330	.340	.340	.550	.420	.460	.460	.450	.460
5	.620	1.010	.800	2.060	2.030	.660	4.350	.710	2.540	1.840
6	1.250	.610	.770	.530	.860	.530	1.550	.530	.730	.530
7	.790	.760	.820	.680	.760	1.670	.710	1.020	1.240	1.010

Code ID UF TOTL SPECIAL PURPOSE MAINTENANCE SHOPS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.87
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.190	.050	.040	.060	.340	.130
1	4.190	.150	.360	.140	.210	.270	.490	.290	.460	.230
2	4.610	.320	.330	.270	.720	.560	.800	.310	1.960	.850
3	6.300	1.050	.690	.330	.450	.430	.710	.450	.510	.460
4	5.060	.250	.270	.310	.450	.300	.330	.250	.700	.330
5	4.520	.350	.650	.710	1.500	.430	1.550	.700	1.580	.490
6	6.320	1.040	.370	.500	1.160	.370	.350	.550	.490	.370
7	4.790	.400	.870	.420	.380	3.640	.580	.530	.660	.580

Code ID UG TOTL REPAIR AND OPERATION MAINTENANCE SHOPS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.02
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.110	.010	.000	.200	.360	.560
1	.420	.210	.360	.530	.820	.640	.540	.270	3.080	.400
2	1.130	.250	.520	.240	.760	.690	.980	.390	13.600	1.230
3	3.590	.590	.690	.470	.310	.440	.760	1.240	.470	1.070
4	1.430	.740	.420	.310	.540	.310	.910	2.090	1.060	.380
5	.930	.600	1.120	.660	1.390	.660	13.300	.590	.980	.490
6	4.620	.740	.640	1.230	1.150	.690	.420	.330	1.020	.410
7	1.310	.490	1.670	.610	1.000	3.960	.700	.810	1.100	.530

Unit Cost Factor Data File

Code ID UH TOTL AMMUNITION STORAGE FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .34
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.020	.050	.050	.160	.050
1	.120	.030	.010	.060	.140	.050	.170	.050	.050	.010
2	.150	.050	.050	.050	.170	.650	1.620	1.200	1.360	1.470
3	1.820	.070	.160	.070	.030	.060	.070	.060	.070	.100
4	.290	.010	.120	.060	.080	.070	.070	.070	.140	.030
5	.170	.230	.130	.670	1.660	1.380	1.500	1.440	1.690	.210
6	.380	.090	.060	.160	.220	.070	.080	.220	.180	.090
7	.220	.220	.260	.090	.100	.400	.080	.140	.180	.100

Code ID UI TOTL COLD STORAGE FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.24
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.010	.010	.020	.070	.110	.030
1	.210	.980	1.110	1.470	1.290	1.390	.660	1.420	1.680	.720
2	1.840	.940	1.250	.270	.280	.820	1.900	2.210	.860	2.500
3	2.220	1.520	1.540	1.980	.910	1.910	1.670	1.170	.860	1.220
4	.540	.300	.520	1.590	.660	1.170	1.090	1.420	1.180	1.120
5	1.290	1.440	2.990	.870	1.730	.360	1.670	1.070	1.610	1.520
6	2.620	1.250	2.190	1.070	2.000	1.960	.910	2.160	1.180	1.400
7	.820	.360	1.440	.450	.240	2.680	.650	2.250	2.300	1.920

Code ID UJ TOTL GENERAL PURPOSE WAREHOUSE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .53
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.010	.020	.010	.030	.080	.100	.110
1	.140	.090	.090	.250	.250	.170	.160	.270	.370	.320
2	.370	.170	.180	.180	.250	.290	.680	.560	2.270	1.040
3	1.230	.560	.580	.210	.300	.350	.340	.430	.280	.580
4	.430	.230	.160	.290	.240	.180	.210	.160	.230	.210
5	.440	.340	.680	.530	.900	.610	2.480	1.070	1.070	.930
6	1.280	.780	.710	.440	.510	.430	.410	.460	.350	.300
7	.370	.360	.610	.430	.410	1.190	.360	.460	.600	.350

Unit Cost Factor Data File

Code ID UK TOTL HOSPITALS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .73
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.050	.020	.040	.290	.390	.300
1	.120	.120	.250	.130	.310	.430	.560	.880	2.050	.220
2	.660	.250	1.110	.250	.560	.410	1.470	.260	.500	.500
3	1.850	.870	.650	.350	.340	.320	2.560	.920	.360	.480
4	1.440	1.100	.230	.430	.440	.510	.240	.260	.610	.260
5	.880	.490	1.360	.260	1.850	1.490	.720	.330	.560	.530
6	2.760	.420	.540	.610	.600	.350	.780	.260	.350	.280
7	1.460	.440	2.580	1.030	1.020	1.380	.410	.640	2.830	1.160

Code ID UL TOTL DENTAL CLINICS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.41
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.020	.100	.010	.000	.420	.610	.230
1	.390	.470	1.090	.550	1.800	1.120	1.340	.620	2.330	1.840
2	1.240	1.050	.680	.520	.860	.810	1.200	1.530	2.310	1.530
3	4.620	.740	1.750	.900	.560	.540	2.000	1.710	1.300	3.070
4	2.830	.910	1.480	1.180	.780	.860	.940	.690	1.780	.840
5	1.160	1.420	1.650	.670	1.940	1.090	2.980	1.750	2.310	1.370
6	4.680	.540	.830	.430	1.790	.640	1.060	.990	1.000	1.180
7	2.460	2.170	3.100	1.980	1.360	3.980	.870	1.900	3.370	1.340

Code ID UM TOTL HEALTH CLINICS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.31
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.020	.010	.020	.020	.160	.170	.230	.250
1	.610	.680	.800	.990	1.150	.770	.960	.690	.980	.910
2	.490	.620	1.310	.460	.970	1.440	1.100	1.400	1.570	.780
3	.840	1.540	1.090	1.120	1.320	.680	.910	.930	1.070	1.640
4	1.610	.930	.670	.590	1.060	.500	.590	.510	.620	.680
5	1.220	1.040	1.150	1.280	1.500	1.750	1.410	1.330	1.900	.810
6	.970	1.710	.910	1.010	1.780	.950	1.050	1.720	1.150	1.300
7	1.120	3.400	2.220	1.330	2.700	1.940	1.230	3.270	1.360	1.750

Unit Cost Factor Data File

Code ID UN TOTL GENERAL PURPOSE ADMINISTRATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.31
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.020	.010	.020	.020	.160	.170	.230	.250
1	.610	.680	.800	.990	1.150	.770	.960	.690	.980	.910
2	.490	.620	1.310	.460	.970	1.440	1.100	1.400	1.570	.780
3	.840	1.540	1.090	1.120	1.320	.680	.910	.930	1.070	1.640
4	1.610	.930	.670	.590	1.060	.500	.590	.510	.620	.680
5	1.220	1.040	1.150	1.280	1.500	1.750	1.410	1.330	1.900	.810
6	.970	1.710	.910	1.010	1.780	.950	1.050	1.720	1.150	1.300
7	1.120	3.400	2.220	1.330	2.700	1.940	1.230	3.270	1.360	1.750

Code ID UO TOTL UNACCOMPANIED PERSONNEL HOUSING, ENLISTED
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .78
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.050	.050	.010	.060	.180	.200	.180
1	.260	.340	.380	.460	.510	.540	.550	.540	.560	.630
2	.670	.560	.560	.510	.540	.600	.630	.750	.650	.580
3	.660	.860	.860	.720	.710	.750	.800	.840	.890	.870
4	.790	.500	.380	.430	.420	.340	.340	.430	.490	.600
5	.640	.810	.860	.720	.750	.930	.960	.900	.870	.750
6	.640	.730	.770	.790	.820	.730	.770	.930	.810	.760
7	.830	.950	.950	.890	.890	.810	.870	.860	.850	.860

Code ID UP TOTL BASIC TRAINEE BARRACKS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .67
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.070	.070	.000	.020	.100	.140	.100
1	.220	.320	.410	.480	.500	.590	.480	.420	.510	.540
2	.600	.570	.550	.460	.440	.440	.590	.720	.770	.610
3	.610	.840	.780	.630	.660	.660	.690	.620	.650	.710
4	.760	.560	.450	.520	.320	.230	.220	.310	.420	.570
5	.570	.630	.560	.500	.760	.890	.910	.950	.790	.670
6	.650	.570	.530	.590	.580	.370	.460	.720	.730	.600
7	.640	.800	.600	.490	.560	.670	.650	.480	.590	.550

Unit Cost Factor Data File

Code ID UQ TOTL DINNING FACILITIES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .86
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.050	.040	.010	.050	.110	.130	.170
1	.380	.320	.550	.420	.660	.610	.400	.680	.610	.650
2	.680	.570	.530	.520	.490	.790	.750	.950	.770	.880
3	.900	.870	.940	.720	.700	.710	.880	.730	.880	.820
4	.850	.610	.500	.630	.510	.530	.400	.490	.450	.710
5	.620	.740	.760	.730	1.100	1.030	1.150	1.150	1.070	.950
6	1.050	.850	.870	.890	.930	.730	.960	1.040	.960	1.030
7	1.110	1.220	1.270	1.220	1.530	.940	1.070	1.010	.920	1.150

Code ID UR TOTL UNACCOMPANIED PERSONNEL HOUSING, OFFICES
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .95
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.020	.010	.040	.240	.400	.180
1	.220	.230	.340	.280	.490	.930	.570	.390	.510	.280
2	1.030	.360	.450	.480	.750	.630	.480	.870	.590	.810
3	.610	.830	1.140	1.100	.520	.560	1.020	.850	1.270	.700
4	.970	.650	.380	.480	.390	.270	.270	.460	.670	.580
5	.420	1.260	.470	.540	.570	.630	1.490	.770	1.090	.900
6	.540	.620	.950	.690	1.050	.560	.900	.660	.600	1.380
7	.670	.790	1.130	.790	4.010	.760	.860	.860	.970	1.370

Code ID US TOTL FIRE STATION
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .92
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.020	.060	.010	.100	.290	.280	.170
1	.350	.130	.240	.540	.370	.630	.600	.320	.780	.520
2	1.020	.220	.540	.170	.540	10.700	.540	.160	1.120	1.480
3	1.540	.880	.580	.350	.680	.200	.870	.840	.640	.550
4	1.580	.650	.250	.580	.650	.460	.360	.430	.470	.460
5	10.900	.490	.970	.250	.490	.650	1.580	.680	1.760	.530
6	2.260	.510	.730	.240	.560	.420	.540	.650	.490	.390
7	.580	.570	1.280	1.100	.510	11.900	.710	.930	.800	.280

Unit Cost Factor Data File

Code ID UT TOTL CHAPELS
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.28
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.110	.110	.010	.140	.470	1.040	.220
1	.270	.640	.460	.710	1.440	1.150	1.060	1.110	.630	.950
2	1.130	1.410	.930	.610	2.130	.980	1.420	.890	1.330	1.740
3	1.490	1.300	1.690	1.350	1.120	.870	1.170	1.090	.870	2.560
4	1.910	.900	.680	1.110	.860	.840	.760	.710	1.720	.620
5	1.050	.760	1.920	2.170	1.050	1.160	2.480	2.010	1.170	1.330
6	2.850	.390	.900	1.640	1.930	1.230	1.310	.900	1.220	1.610
7	1.490	1.490	2.150	1.220	1.140	1.710	.940	1.400	1.400	1.540

Code ID UU TOTL LAUNDRY/DRY CLEANING FACILITY
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .46
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.000	.010	.020	.110	.050	.030
1	.040	.060	.030	.930	.120	.110	.100	.060	.620	.080
2	.210	.070	.190	.070	.090	.080	1.350	.090	.200	.170
3	.680	.100	.120	.120	.090	.140	.250	.870	.130	1.000
4	.310	.080	.230	.320	.270	.270	.230	.250	.260	.240
5	.130	.130	1.310	.080	.130	.130	.760	.190	.140	.140
6	8.770	.100	.130	.100	.230	.990	.130	.120	.090	.110
7	1.280	.190	.180	.130	.840	3.900	.120	.160	1.470	.130

Code ID UV TOTL POST OFFICE
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .86
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.050	.000	.000	.120	.080	.030
1	.150	.100	.140	.850	1.150	.390	.180	.090	1.440	.160
2	1.050	.100	.480	.110	.190	.130	1.300	.130	.380	1.730
3	2.330	.490	.560	.220	.190	.430	1.320	.550	.170	1.020
4	2.510	.160	.120	1.180	.260	.250	.100	.100	.170	.110
5	.430	.610	1.460	.190	1.290	.390	.640	.990	.980	.310
6	3.320	.370	.380	.180	.820	.980	.270	.190	.290	.150
7	.930	1.080	1.680	.610	.290	.690	.360	.560	1.450	.230

Unit Cost Factor Data File

Code ID UW TOTL AUDITORIUM/THEATER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.09
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.060	.060	.000	.000	.500	.400	.030
1	.220	.170	1.010	.430	.890	.610	.590	.560	.900	.170
2	.380	.310	1.470	.710	2.060	.710	2.070	1.050	1.220	.900
3	1.350	.600	1.220	.190	1.620	.190	.590	.910	.270	.960
4	1.340	.330	.750	.320	.750	.250	.080	.640	1.280	.200
5	.420	.750	.880	2.080	1.110	1.130	2.580	.900	1.350	.290
6	1.050	.500	1.330	2.070	.690	.430	.640	.270	.950	.620
7	.710	.770	.940	1.230	.760	1.590	.240	.490	1.270	.720

Code ID UX TOTL BOWLING CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .55
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.030	.000	.090	.120	.250	.040
1	.390	.350	.180	.660	.860	.290	.360	.210	.830	.550
2	.940	.180	.280	.170	.410	.540	1.310	.460	.440	.800
3	1.120	1.950	.550	.310	.540	.320	.460	.570	.490	1.490
4	2.470	.410	.230	.480	.530	.160	.200	.300	.450	.100
5	.560	.560	1.080	.740	1.000	.540	.830	.650	.690	.450
6	1.530	.340	1.950	.740	.620	.830	.800	.190	.370	.810
7	1.280	.710	1.210	.880	.740	.720	.440	.560	1.460	.620

Code ID UY TOTL CHILD SUPPORT CENTER
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor 1.15
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.010	.030	.130	.020	.180	.820	1.000	.420
1	.340	.580	.300	.550	.710	1.640	.970	.860	.860	.570
2	1.430	.450	.770	1.080	1.430	.500	6.760	1.120	.870	7.720
3	.780	1.900	1.730	1.510	.950	1.060	.900	1.010	1.620	1.260
4	1.330	1.370	.670	.680	.700	.550	.860	1.150	1.670	1.130
5	.700	1.240	.560	.650	7.030	1.700	2.230	7.470	1.140	.660
6	.900	.820	1.260	1.720	1.430	.690	.640	.690	.820	1.650
7	.690	2.320	2.330	.990	2.160	1.280	.750	.700	1.000	1.850

Unit Cost Factor Data File

Code ID UZ TOTL COMMISSARY
 Unit Cost Special Condition Multiplier 1.00
 Annual Recurring Maintenance Factor .82
 MRT For Major Cost Tasks and Replacement Tasks

Decade	1	2	3	4	Age 5	6	7	8	9	10
0	.000	.000	.000	.000	.040	.000	.000	.000	.130	.130
1	1.340	.150	.170	.250	.690	.230	.230	.150	1.000	.390
2	1.610	.250	.220	.170	.380	2.130	1.770	.210	1.100	.750
3	2.610	.490	.310	.160	.240	.180	.960	.300	.220	.610
4	1.760	.220	.520	.300	.260	.330	.120	.140	.310	.250
5	3.420	.340	1.750	.340	.880	.330	1.040	.460	.800	.320
6	3.000	4.320	.490	.390	.340	.340	.230	.220	.290	.240
7	2.260	.360	1.190	.320	.120	2.840	.220	1.730	2.040	.250

AGE	Total Unit Cost Factors Table						
	U1	U2	U3	U4	U5	U6	U7
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.00
4	.02	.01	.00	.01	.00	.00	.00
5	.04	.01	.06	.01	.02	.00	.02
6	.00	.00	.02	.01	.01	.01	.01
7	.01	.00	.05	.03	.02	.00	.17
8	.14	.01	.30	.48	.47	.01	.39
9	.09	.02	.28	1.47	1.34	.10	.67
10	.06	.01	.31	.15	.04	.11	.21
11	.10	.07	.22	.22	.08	.56	.17
12	.14	.08	.44	.25	.18	.40	.22
13	.19	.08	.31	.21	.08	.77	.26
14	.54	.10	.66	.51	.74	.71	.47
15	1.06	.30	.60	.39	.91	1.45	.90
16	.72	.13	.57	.93	.63	.51	.58
17	.16	.16	.33	1.72	1.41	.45	.92
18	.24	.30	.48	.46	.15	.65	.52
19	1.12	.62	.49	1.01	.63	.63	1.07
20	1.05	.40	.45	.65	.67	.72	.59
21	.21	.36	1.07	.73	.27	1.09	.54
22	.33	.21	.45	.55	.17	.36	.34
23	.39	.22	.20	.40	.60	.96	.54
24	.12	.22	.20	.70	.09	.42	.48
25	.32	.23	.47	2.04	2.00	.78	1.01
26	.21	.30	.57	.56	.25	1.81	.61
27	.69	.39	1.18	1.03	1.29	.75	.82
28	.21	.34	.66	.63	.08	1.89	.38
29	3.33	1.00	.74	.87	1.75	.91	1.71
30	.88	.43	1.16	.70	1.15	2.19	.87
31	2.17	1.48	1.06	1.35	3.24	1.14	1.44
32	.33	.36	.74	1.15	.28	1.59	.90
33	.38	.44	.62	2.16	1.47	.58	1.10
34	.36	.47	.57	.65	.14	.91	.67
35	.32	.41	.48	.86	.28	.41	.62
36	.33	.47	.35	.67	.18	.67	.40
37	.70	.84	.49	.86	.75	.52	.99
38	1.00	.40	.63	1.28	.71	.68	.73
39	.24	.42	.56	.83	.17	1.03	.54
40	2.01	.48	1.15	2.09	1.32	1.08	1.35
41	.52	.46	2.30	2.29	1.87	1.32	1.40
42	.18	.18	.96	.66	.14	.61	.44
43	.88	.42	.36	.48	.42	.99	.44
44	.64	.19	.47	.59	.46	.89	.55
45	.40	.24	.43	.52	.62	.44	.42
46	.31	.25	.30	.35	.20	.86	.31
47	.09	.21	.16	.31	.25	.49	.39
48	.20	.20	.49	.76	.13	.80	.50
49	.44	.26	.40	1.99	2.05	.73	.98
50	.16	.48	.49	.54	.14	.40	.42
51	.81	.49	.98	.71	1.18	1.22	.60
52	.50	.48	.85	.51	.63	1.45	.56
53	1.02	.47	.89	1.00	1.28	1.11	.77
54	.16	.71	.75	.64	.67	1.08	.57
55	.67	1.04	.89	.63	.62	1.49	1.03
56	.76	.83	.58	1.54	.19	2.05	.98
57	3.16	1.40	1.36	2.37	2.97	1.06	2.55
58	1.19	.78	.79	1.01	.39	.95	.94
59	1.26	.52	.83	1.08	1.01	1.38	1.14
60	.71	.53	.80	.47	.61	2.01	.46
61	1.94	2.18	2.39	1.61	3.05	1.51	1.56
62	.15	.61	.85	.49	.16	1.47	.50
63	.25	.56	.50	.99	.23	.92	.61
64	.17	.40	.98	1.10	.63	1.80	.84
65	.60	.51	.80	3.09	1.46	1.17	1.21
66	.44	.54	.64	.76	1.03	.56	.61
67	.27	.67	.46	.53	.58	.63	.46
68	.28	.41	.82	.88	.28	1.48	.43
69	.17	.50	.42	.63	.63	.57	.43
70	.26	.49	1.42	.75	.14	.85	.31
71	1.79	1.31	1.07	.94	2.10	1.74	1.73
72	1.02	.42	.69	.93	.44	.79	1.01
73	1.08	.96	1.02	2.72	2.14	1.92	1.83
74	.96	.54	.49	1.07	.64	.92	.95
75	.29	.42	1.04	2.32	.32	1.05	.57
76	1.69	1.13	.69	.93	2.08	2.87	.87
77	.28	.61	.80	.71	.28	.89	.54
78	.37	.52	.70	1.12	.18	1.86	.60
79	2.07	.50	1.18	1.44	1.49	1.25	1.18
80	.26	.42	.86	1.09	.17	2.01	.70
AVG	.61	.44	.65	.89	.72	.93	.69
ARM	.69	.53	.85	1.44	.84	1.45	.72
TOL	1.30	.97	1.50	2.33	1.56	2.38	1.41

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	UB	UA	UB	UC	UD	UE	UF
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.01	.00	.00	.00
4	.04	.01	.00	.00	.04	.01	.01
5	.04	.02	.13	.05	.06	.04	.19
6	.04	.02	.02	.01	.03	.09	.05
7	.04	.01	.02	.02	.15	.11	.04
8	.19	.09	.03	.52	.17	.22	.06
9	.55	.16	.51	.29	.22	.17	.34
10	.08	.17	.07	.28	.17	.16	.13
11	.27	.37	.44	.68	.33	.24	4.19
12	.21	.30	.18	.36	.36	.23	.15
13	.28	.25	.28	.46	.43	.47	.36
14	.44	.30	.23	.90	.38	.37	.14
15	.58	.37	.56	.49	.52	.54	.21
16	.58	.43	.26	.36	.39	.38	.27
17	.75	.29	.64	.46	.45	.31	.49
18	.39	.47	.25	.60	.46	.42	.29
19	.53	.49	.96	.69	.52	.44	.46
20	.61	.54	.29	.50	.47	.61	.23
21	.54	.62	.99	.61	.52	.49	4.61
22	.36	.51	.28	.21	.50	.40	.32
23	.36	.40	.22	.35	.34	.45	.33
24	.35	.32	.17	.29	.38	.36	.27
25	1.07	.42	.68	.35	.56	.59	.72
26	.43	.43	.26	.97	.80	1.12	.56
27	.46	.45	.41	1.68	1.64	1.82	.80
28	.68	1.43	.44	.90	.83	.95	.31
29	.66	1.76	1.05	1.10	1.43	4.15	1.96
30	.68	1.55	.61	.89	1.23	.71	.85
31	1.99	2.64	3.99	1.16	1.40	2.18	6.30
32	.92	1.53	.94	.47	.79	.67	1.05
33	.91	1.41	.80	.40	.58	.68	.69
34	.43	.64	.35	.38	.50	.47	.33
35	.60	.57	.29	.25	.48	.63	.45
36	.42	.45	.37	.40	.64	.49	.43
37	.51	.43	.51	.83	.60	.61	.71
38	.55	.60	.92	.64	.61	.69	.45
39	.57	.61	.34	.74	.51	.68	.51
40	.85	.69	.46	1.27	.82	.93	.46
41	1.32	.76	1.48	.83	.65	.71	5.06
42	.70	.51	.61	.28	.38	.33	.25
43	.56	.50	.48	.21	.43	.34	.27
44	.50	.33	.30	.25	.72	.34	.31
45	.44	.40	.33	.76	.49	.55	.45
46	.49	.38	.26	.44	.42	.42	.30
47	.30	.26	.23	.42	.42	.46	.33
48	.42	.37	.21	.62	.39	.46	.25
49	.84	.42	.74	.33	.53	.45	.70
50	.45	.44	.25	.25	.46	.46	.33
51	.40	.67	.81	.61	.58	.62	4.52
52	.50	.60	.35	.94	.66	1.01	.35
53	.69	.73	.51	1.41	.74	.80	.65
54	.59	.55	.35	1.13	.80	2.06	.71
55	.83	.60	.49	.77	1.74	2.03	1.50
56	.83	.84	.99	.57	.93	.66	.43
57	1.30	.97	1.44	1.54	1.82	4.35	1.55
58	.74	1.86	.49	.39	1.32	.71	.70
59	.74	1.63	.64	.69	1.65	2.54	1.58
60	.58	1.90	.46	.47	.74	1.84	.49
61	2.58	2.87	4.43	1.10	.76	1.25	6.32
62	.84	1.61	.71	.54	.83	.61	1.04
63	.56	1.52	.66	.93	.80	.77	.37
64	.64	.64	.29	.53	.54	.53	.50
65	1.19	.74	.75	.81	.74	.86	1.16
66	.32	.51	.32	1.04	.69	.53	.37
67	.45	.55	.26	.58	.72	1.55	.35
68	.65	.74	.33	.48	.85	.53	.55
69	.50	.77	.55	.53	.70	.73	.49
70	.45	.86	.32	.34	.66	.53	.37
71	.85	.97	.97	.84	.73	.79	4.79
72	.68	.91	.46	.78	.89	.76	.40
73	1.33	.85	1.58	.88	.93	.82	.87
74	.68	.79	.94	.77	.88	.68	.42
75	.76	.76	.46	.62	.85	.76	.38
76	1.02	1.17	1.79	1.99	.96	1.67	3.64
77	.60	.71	.50	.45	.77	.71	.58
78	.59	.79	.50	.89	.77	1.02	.53
79	.73	.79	.52	1.50	.77	1.24	.66
80	.57	.72	.38	.88	.86	1.01	.58
AVG	.60	.70	.59	.62	.65	.78	.94
ARM	.80	.81	.82	1.39	1.02	1.02	1.87
TOL	1.40	1.51	1.41	2.01	1.67	1.80	2.81

Total Unit Cost Factors Table							
Major Replacement Tasks MRT							
AGE	UG	UI	UJ	UK	UL	UM	
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.00	.00	.02
4	.00	.00	.00	.01	.00	.02	.01
5	.11	.00	.01	.02	.05	.10	.02
6	.01	.02	.01	.01	.02	.01	.02
7	.00	.05	.02	.03	.04	.00	.16
8	.20	.05	.07	.08	.29	.42	.17
9	.36	.16	.11	.10	.39	.61	.23
10	.56	.05	.03	.11	.30	.23	.25
11	.42	.12	.21	.14	.12	.39	.61
12	.21	.03	.98	.09	.12	.47	.68
13	.36	.01	1.11	.09	.25	1.09	.80
14	.53	.06	1.47	.25	.13	.55	.99
15	.82	.14	1.29	.25	.31	1.80	1.15
16	.64	.05	1.39	.17	.43	1.12	.77
17	.54	.17	.66	.16	.56	1.34	.96
18	.27	.05	1.42	.27	.88	.62	.69
19	3.08	.05	1.68	.37	2.05	2.33	.98
20	.40	.01	.72	.32	.22	1.84	.91
21	1.13	.15	1.84	.37	.66	1.24	.49
22	.25	.05	.94	.17	.25	1.05	.62
23	.52	.05	1.25	.18	1.11	.68	1.31
24	.24	.05	.27	.18	.25	.52	.46
25	.76	.17	.28	.25	.56	.86	.97
26	.69	.65	.82	.29	.41	.81	1.44
27	.98	1.62	1.90	.68	1.47	1.20	1.10
28	.39	1.20	2.21	.56	.26	1.53	1.40
29	13.60	1.36	.86	2.27	.50	2.31	1.57
30	1.23	1.47	2.50	1.04	.50	1.53	.78
31	3.59	1.82	2.22	1.23	1.85	4.62	.84
32	.59	.07	1.52	.56	.87	.74	1.54
33	.69	.16	1.54	.58	.65	1.75	1.09
34	.47	.07	1.98	.21	.35	.90	1.12
35	.31	.03	.91	.30	.34	.56	1.32
36	.44	.06	1.91	.35	.32	.54	.68
37	.76	.07	1.67	.34	2.56	2.00	.91
38	1.24	.06	1.17	.43	.92	1.71	.93
39	.47	.07	.86	.28	.36	1.30	1.07
40	1.07	.10	1.22	.58	.48	3.07	1.64
41	1.43	.29	.54	.43	1.44	2.83	1.61
42	.74	.01	.30	.23	1.10	.91	.93
43	.42	.12	.52	.16	.23	1.48	.67
44	.31	.06	1.59	.29	.43	1.18	.59
45	.54	.08	.66	.24	.44	.78	1.06
46	.31	.07	1.17	.18	.51	.86	.50
47	.91	.07	1.09	.21	.24	.94	.59
48	2.09	.07	1.42	.16	.26	.69	.51
49	1.06	.14	1.18	.23	.61	1.78	.62
50	.38	.03	1.12	.21	.26	.84	.68
51	.93	.17	1.29	.44	.88	1.16	1.22
52	.60	.23	1.44	.34	.49	1.42	1.04
53	1.12	.13	2.99	.68	1.36	1.65	1.15
54	.66	.67	.87	.53	.26	.67	1.28
55	1.39	1.66	1.73	.90	1.85	1.94	1.50
56	.66	1.38	.36	.61	1.49	1.09	1.75
57	13.30	1.50	1.67	2.48	.72	2.98	1.41
58	.59	1.44	1.07	1.07	.33	1.75	1.33
59	.98	1.69	1.61	1.07	.56	2.31	1.90
60	.49	.21	1.52	.93	.53	1.37	.81
61	4.62	.38	2.62	1.28	2.76	4.68	.97
62	.74	.09	1.25	.78	.42	.54	1.71
63	.64	.06	2.19	.71	.54	.83	.91
64	1.23	.16	1.07	.44	.61	.43	1.01
65	1.15	.22	2.00	.51	.60	1.79	1.78
66	.69	.07	1.96	.43	.35	.64	.95
67	.42	.08	.91	.41	.78	1.06	1.05
68	.33	.22	2.16	.46	.26	.99	1.72
69	1.02	.18	1.18	.35	.35	1.00	1.15
70	.41	.09	1.40	.30	.28	1.18	1.30
71	1.31	.22	.82	.37	1.46	2.46	1.12
72	.49	.22	.36	.36	.44	2.17	3.40
73	1.67	.26	1.44	.61	2.58	3.10	2.22
74	.61	.09	.45	.43	1.03	1.98	1.33
75	1.00	.10	.24	.41	1.02	1.36	2.70
76	3.96	.40	2.68	1.19	1.38	3.98	1.94
77	.70	.08	.65	.36	.41	.87	1.23
78	.81	.14	2.25	.46	.64	1.90	3.27
79	1.10	.18	2.30	.60	2.83	3.37	1.36
80	.53	.10	1.92	.35	1.16	1.34	1.75
AVG	1.13	.30	1.16	.44	.68	1.33	1.06
ARM	1.02	.34	1.24	.53	.73	1.41	1.31
TOL	2.15	.64	2.40	.97	1.41	2.74	2.37

Total Unit Cost Factors Table
Major Replacement Tasks MRT

AGE	UN	UO	UP	UQ	UR	US	UT
1	.00	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00	.00
3	.02	.00	.00	.00	.00	.00	.01
4	.01	.05	.07	.05	.00	.02	.11
5	.02	.05	.07	.04	.02	.06	.11
6	.02	.01	.00	.01	.01	.01	.01
7	.16	.06	.02	.05	.04	.10	.14
8	.17	.18	.10	.11	.24	.29	.47
9	.23	.20	.14	.13	.40	.28	1.04
10	.25	.18	.10	.17	.18	.17	.22
11	.61	.26	.22	.38	.22	.35	.27
12	.68	.34	.32	.32	.23	.13	.64
13	.80	.38	.41	.55	.34	.24	.46
14	.99	.46	.48	.42	.28	.54	.71
15	1.15	.51	.50	.66	.49	.37	1.44
16	.77	.54	.59	.61	.93	.63	1.15
17	.96	.55	.48	.40	.57	.60	1.06
18	.69	.54	.42	.68	.39	.32	1.11
19	.98	.56	.51	.61	.51	.78	.63
20	.91	.63	.54	.65	.28	.52	.95
21	.49	.67	.60	.68	1.03	1.02	1.13
22	.62	.56	.57	.57	.36	.22	1.41
23	1.31	.56	.55	.53	.45	.54	.93
24	.46	.51	.46	.52	.48	.17	.61
25	.97	.54	.44	.49	.75	.54	2.13
26	1.44	.60	.44	.79	.63	10.70	.98
27	1.10	.63	.59	.75	.48	.54	1.42
28	1.40	.75	.72	.95	.87	.16	.89
29	1.57	.65	.77	.77	.59	1.12	1.33
30	.78	.58	.61	.88	.81	1.48	1.74
31	.84	.66	.61	.90	.61	1.54	1.49
32	1.54	.86	.84	.87	.83	.88	1.30
33	1.09	.86	.78	.94	1.14	.58	1.69
34	1.12	.72	.63	.72	1.10	.35	1.35
35	1.32	.71	.66	.70	.52	.68	1.12
36	.68	.75	.66	.71	.56	.20	.87
37	.91	.80	.69	.88	1.02	.87	1.17
38	.93	.84	.62	.73	.85	.84	1.09
39	1.07	.89	.65	.88	1.27	.64	.87
40	1.64	.87	.71	.82	.70	.55	2.56
41	1.61	.79	.76	.85	.97	1.58	1.91
42	.93	.50	.56	.61	.65	.65	.90
43	.67	.38	.45	.50	.38	.25	.68
44	.59	.43	.52	.63	.48	.58	1.11
45	1.06	.42	.32	.51	.39	.65	.86
46	.50	.34	.23	.53	.27	.46	.84
47	.59	.34	.22	.40	.27	.36	.76
48	.51	.43	.31	.49	.46	.43	.71
49	.62	.49	.42	.45	.67	.47	1.72
50	.68	.60	.57	.71	.58	.46	.62
51	1.22	.64	.57	.62	.42	10.90	1.05
52	1.04	.81	.63	.74	1.26	.49	.76
53	1.15	.86	.56	.76	.47	.97	1.92
54	1.28	.72	.50	.73	.54	.25	2.17
55	1.50	.75	.76	1.10	.57	.49	1.05
56	1.75	.93	.89	1.03	.63	.65	1.16
57	1.41	.96	.91	1.15	1.49	1.58	2.48
58	1.33	.90	.95	1.15	.77	.68	2.01
59	1.90	.87	.79	1.07	1.09	1.76	1.17
60	.81	.75	.67	.95	.90	.53	1.33
61	.97	.64	.65	1.05	.54	2.26	2.85
62	1.71	.73	.57	.85	.62	.51	.39
63	.91	.77	.53	.87	.95	.73	.90
64	1.01	.79	.59	.89	.69	.24	1.64
65	1.78	.82	.58	.93	1.05	.56	1.93
66	.95	.73	.37	.73	.56	.42	1.23
67	1.05	.77	.46	.96	.90	.54	1.31
68	1.72	.93	.72	1.04	.66	.65	.90
69	1.15	.81	.73	.96	.60	.49	1.22
70	1.30	.76	.60	1.03	1.38	.39	1.61
71	1.12	.83	.64	1.11	.67	.58	1.49
72	3.40	.95	.80	1.22	.79	.57	1.49
73	2.22	.95	.60	1.27	1.13	1.28	2.15
74	1.33	.89	.49	1.22	.79	1.10	1.22
75	2.70	.89	.56	1.53	4.01	.51	1.14
76	1.94	.81	.67	.94	.76	11.90	1.71
77	1.23	.87	.65	1.07	.86	.71	.94
78	3.27	.86	.48	1.01	.86	.93	1.40
79	1.36	.85	.59	.92	.97	.80	1.40
80	1.75	.86	.55	1.15	1.37	.28	1.54
AVG	1.06	.61	.51	.71	.67	.98	1.13
ARM	1.31	.78	.67	.86	.95	.92	1.28
TOL	2.37	1.39	1.18	1.57	1.62	1.90	2.41

Total Unit Cost Factors Table						
Major Replacement Tasks MRT						
AGE	UU	UV	UW	UX	UY	UZ
1	.00	.00	.00	.00	.00	.00
2	.00	.00	.00	.00	.00	.00
3	.00	.00	.00	.00	.01	.00
4	.00	.00	.06	.00	.03	.00
5	.00	.05	.06	.03	.13	.04
6	.01	.00	.00	.00	.02	.00
7	.02	.00	.00	.09	.18	.00
8	.11	.12	.50	.12	.82	.00
9	.05	.08	.40	.25	1.00	.13
10	.03	.03	.03	.04	.42	.13
11	.04	.15	.22	.39	.34	1.34
12	.06	.10	.17	.35	.58	.15
13	.03	.14	1.01	.18	.30	.17
14	.93	.85	.43	.66	.55	.25
15	.12	1.15	.89	.86	.71	.69
16	.11	.39	.61	.29	1.64	.23
17	.10	.18	.59	.36	.97	.23
18	.06	.09	.56	.21	.86	.15
19	.62	1.44	.90	.83	.86	1.00
20	.08	.16	.17	.55	.57	.39
21	.21	1.05	.38	.94	1.43	1.61
22	.07	.10	.31	.18	.45	.25
23	.19	.48	.47	.28	.77	.22
24	.07	.11	.71	.17	1.08	.17
25	.09	.19	2.06	.41	1.43	.38
26	.08	.13	.71	.54	.50	2.13
27	1.35	1.30	2.07	1.31	6.76	1.77
28	.09	.13	1.05	.46	1.12	.21
29	.20	.38	1.22	.44	.87	1.10
30	.17	1.73	.90	.80	7.72	.75
31	.68	2.33	1.35	1.12	.78	2.61
32	.10	.49	.60	1.95	1.90	.49
33	.12	.56	1.22	.55	1.73	.31
34	.12	.22	.19	.31	1.51	.16
35	.09	.19	1.62	.54	.95	.24
36	.14	.43	.19	.32	1.06	.18
37	.25	1.32	.59	.46	.90	.96
38	.87	.55	.91	.53	1.01	.30
39	.13	.17	.27	.49	1.62	.22
40	1.00	1.02	.96	1.49	1.26	.61
41	.31	2.51	1.34	2.47	1.33	1.76
42	.08	.16	.33	.41	1.37	.22
43	.23	.12	.75	.23	.67	.52
44	.32	1.18	.32	.48	.68	.30
45	.27	.26	.75	.53	.70	.26
46	.27	.25	.25	.16	.55	.33
47	.23	.10	.08	.20	.86	.12
48	.25	.10	.64	.30	1.15	.14
49	.26	.17	1.28	.45	1.67	.31
50	.24	.11	.20	.10	1.13	.25
51	.13	.43	.42	.56	.70	3.42
52	.13	.61	.75	.56	1.24	.34
53	1.31	1.46	.88	1.08	.56	1.79
54	.08	.19	2.08	.74	.65	.34
55	.13	1.29	1.11	1.00	7.03	.88
56	.13	.39	1.13	.54	1.70	.33
57	.76	.64	2.58	.83	2.23	1.04
58	.19	.99	.90	.65	7.47	.46
59	.14	.98	1.35	.69	1.14	.80
60	.14	.31	.29	.45	.66	.32
61	8.77	3.32	1.05	1.53	.90	3.00
62	.10	.37	.50	.34	.82	4.32
63	.13	.38	1.33	1.95	1.26	.49
64	.10	.18	2.07	.74	1.72	.39
65	.23	.82	.69	.62	1.43	.34
66	.99	.93	.43	.83	.69	.34
67	.13	.27	.64	.80	.64	.23
68	.12	.19	.27	.19	.69	.22
69	.09	.29	.95	.37	.82	.29
70	.11	.15	.62	.81	1.65	.24
71	1.28	.93	.71	1.28	.69	2.26
72	.19	1.08	.77	.71	2.32	.36
73	.18	1.68	.94	1.21	2.33	1.19
74	.13	.61	1.23	.88	.99	.32
75	.84	.29	.76	.74	2.16	.12
76	3.90	.69	1.59	.72	1.28	2.84
77	.12	.36	.24	.44	.75	.22
78	.16	.56	.49	.56	.70	1.73
79	1.47	1.45	1.27	1.46	1.00	2.04
80	.13	.23	.72	.62	1.85	.25
AVG	.41	.56	.74	.60	1.29	.68
ARM	.46	.86	1.09	.55	1.15	.82
TOL	.87	1.42	1.83	1.15	2.44	1.50

Total Unit Cost Factors Table				
Major Replacement Tasks MRT				
AGE	FA	FB	FC	FW
1	.00	.00	.00	.00
2	.00	.00	.00	.00
3	.00	.00	.00	.00
4	.00	.00	.00	.00
5	.00	.00	.00	.00
6	.05	.02	.01	.02
7	.19	.13	.06	.08
8	.24	.25	.12	.17
9	.30	.28	.20	.27
10	.28	.27	.29	.34
11	.53	.31	.61	.75
12	.44	.31	.77	.77
13	.36	.34	.80	.72
14	.47	.42	.86	.73
15	.56	.49	.88	.77
16	.60	.50	.68	.84
17	.57	.46	.67	.83
18	.66	.62	.89	1.31
19	.62	.56	.91	1.35
20	.45	.47	.84	1.21
21	.40	.48	.72	.97
22	.53	.38	.61	.71
23	.52	.46	.64	.63
24	.45	.48	.57	.55
25	.48	.49	.84	.65
26	.79	.57	1.31	1.14
27	.62	.45	1.29	1.13
28	.69	.46	1.27	1.21
29	.82	.50	1.15	1.28
30	.87	.47	1.02	1.28
31	.98	.63	1.25	1.54
32	1.13	.67	1.25	1.60
33	1.06	.66	1.22	1.48
34	.96	.51	1.11	1.39
35	.85	.58	1.22	1.56
36	.53	.60	.92	1.15
37	.68	.63	.95	1.16
38	.70	.68	1.13	1.25
39	.75	.87	1.44	1.47
40	.71	.88	1.38	1.41
41	.88	.81	1.34	1.59
42	.70	.50	.99	1.34
43	.82	.37	.81	1.10
44	1.00	.32	.76	1.04
45	1.04	.32	.69	1.06
46	.89	.29	.65	.93
47	.93	.41	.71	.94
48	1.02	.44	.70	.97
49	1.00	.46	.79	1.08
50	.93	.51	.93	1.16
51	.89	.54	1.06	1.23
52	1.08	.62	1.20	1.23
53	.88	.62	1.19	1.21
54	.87	.57	1.13	1.08
55	.95	.73	1.08	1.21
56	1.17	.88	1.48	2.04
57	1.00	.94	1.53	2.11
58	1.36	.85	1.58	2.18
59	1.33	.75	1.54	2.11
60	1.35	.63	1.46	1.87
61	1.58	.55	1.26	1.70
62	1.51	.52	1.35	1.74
63	1.70	.59	1.35	1.78
64	1.25	.67	1.32	1.63
65	1.62	.72	1.47	1.67
66	.97	.65	1.16	1.07
67	1.26	.67	1.21	1.26
68	1.33	.70	1.20	1.34
69	1.41	.71	1.17	1.40
70	1.30	.64	1.13	1.35
71	1.59	1.20	1.67	1.87
72	2.21	1.44	1.73	2.13
73	1.74	1.44	1.71	2.09
74	1.48	1.08	1.66	1.94
75	1.77	1.11	1.62	1.96
76	1.52	1.26	1.45	1.96
77	1.45	1.08	1.72	1.97
78	1.58	1.18	1.83	2.03
79	1.67	1.05	1.81	2.05
80	1.32	1.38	1.72	1.78
AVG	.89	.59	1.01	1.20
ARM	1.10	.79	1.50	1.50
TOL	1.99	1.38	2.51	2.70

APPENDIX E:

FUNCTIONAL GROUP UNIT COST GRAPHS

Part A

Unit Cost ID Code	Two characters that identify the correct unit cost table
Description	Title of the group and current use codes

Part B

Table ID	Two characters that identify the correct unit cost table and the title of the group current use codes
Total	This is the cost per square foot for all tasks
ARM	This is the cost per square foot for nonreplacement tasks and nonhigh-cost tasks
MRT	This is the cost per square foot per year for all replacement and high cost tasks

UNIT COST ID CODE	DESCRIPTION
FA	TOTL FAMILY HOUSING (UPTO 1950)
FB	TOTL FAMILY HOUSING (1951 ON)
FC	TOTL FAMILY HOUSING (CAPEHART)
FW	TOTL FAMILY HOUSING (WHERRY)
P0	PERM LAND OPERATIONAL BUILDINGS
P1	PERM REGIMENTAL/BRIGADE HQ
P2	PERM BATTALION HEADQUARTERS
P3	PERM COMPANY HEADQUARTERS
P4	PERM GENERAL INSTRUCTIONAL BUILDINGS
P5	PERM APPLIED INSTRUCTIONAL BUILDINGS
P6	PERM AVIATION UNIT MAINTENANCE HANGAR
P7	PERM AVIATION UNIT MAINTENANCE HANGAR
P8	PERM ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
P9	PERM DS/GS VEHICLE MAINTENANCE SHOP
PA	PERM SPECIAL PURPOSE MAINTENANCE SHOPS
PB	PERM REPAIR AND OPERATION MAINTENANCE SHOPS
PC	PERM AMMUNITION STORAGE FACILITIES
PD	PERM COLD STORAGE FACILITIES
PE	PERM GENERAL PURPOSE WAREHOUSE
PF	PERM GENERAL PURPOSE WAREHOUSE
PG	PERM GENERAL PURPOSE WAREHOUSE
PH	PERM GENERAL PURPOSE WAREHOUSE
PI	PERM HOSPITALS
PJ	PERM DENTAL CLINICS
PK	PERM HEALTH CLINICS

PL	PERM GENERAL PURPOSE ADMINISTRATION
PM	PERM (INVALID)
PN	PERM FAMILY HOUSING
PO	PERM (NOT USED)
PP	PERM (NOT USED)
PQ	PERM (NOT USED)
PR	PERM (NOT USED)
PS	PERM UNACOMPANIED PERSONNEL HOUSING, ENLISTED
PT	PERM BASIC TRAINEE BARRACKS
PU	PERM DINNING FACILITIES
PV	PERM UNACOMPANIED PERSONNEL HOUSING, OFFICES
PW	PERM FIRE STATION
PX	PERM COMMUNITY FACILITY
PY	PERM CHAPELS
Q0	PERM LAUNDRY/DRY CLEANING FACILITY
Q1	PERM GENERAL PURPOSE ADMINISTRATION
Q2	PERM GENERAL PURPOSE ADMINISTRATION
Q3	PERM DECONTAMINATION FACILITY
Q4	PERM POST OFFICE
Q5	PERM AUDITORIUM/THEATER
Q6	PERM BOWLING CENTER
Q7	PERM CHILD SUPPORT CENTER
Q8	PERM COMMISSARY
Q9	PERM ARTS & CRAFTS CENTER
QA	PERM CONTINUING EDUCATION
QB	PERM PHYSICAL FITNESS
QC	PERM TRANSIENT HOUSING

QD	PERM COMMUNITY SVCSCTR(ACS)
QE	PERM LIBRARY
QF	PERM CONSOLIDATED OPEN DINNING
QG	PERM EXCHANGE AUTO SERVICE STATION
QH	PERM RETAIL STORE
S0	TEMP LAUNDRY/DRY CLEANING FACILITY
S1	TEMP GENERAL PURPOSE ADMINISTRATION
S2	TEMP GENERAL PURPOSE ADMINISTRATION
S3	TEMP DECONTAMINATION FACILITY
S4	TEMP POST OFFICE
S5	TEMP AUDITORIUM/THEATER
S6	TEMP BOWLING CENTER
S7	TEMP CHILD SUPPORT CENTER
S8	TEMP COMMISSARY
S9	TEMP ARTS & CRAFTS CENTER
SA	TEMP CONTINUING EDUCATION
SB	TEMP PHYSICAL FITNESS
SC	TEMP TRANSIENT HOUSING
SD	TEMP COMMUNITY SVCSCTR(ACS)
SE	TEMP LIBRARY
SF	TEMP CONSOLIDATED OPEN DINNING
SG	TEMP EXCHANGE AUTO SERVICE STATION
SH	TEMP RETAIL STORE
T0	TEMP LAND OPERATIONAL BUILDINGS
T1	TEMP REGIMENTAL/BRIGADE HQ
T2	TEMP BATTALION HEADQUARTERS
T3	TEMP COMPANY HEADQUARTERS

T4	TEMP GENERAL INSTRUCTIONAL BUILDINGS
T5	TEMP APPLIED INSTRUCTIONAL BUILDINGS
T6	TEMP AVIATION UNIT MAINTENANCE HANGAR
T7	TEMP AVIATION UNIT MAINTENANCE HANGAR
T8	TEMP ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
T9	TEMP DS/GS VEHICLE MAINTENANCE SHOP
TA	TEMP SPECIAL PURPOSE MAINTENANCE SHOPS
TB	TEMP REPAIR AND OPERATION MAINTENANCE SHOPS
TC	TEMP AMMUNITION STORAGE FACILITIES
TD	TEMP COLD STORAGE FACILITIES
TE	TEMP GENERAL PURPOSE WAREHOUSE
TF	TEMP GENERAL PURPOSE WAREHOUSE
TG	TEMP GENERAL PURPOSE WAREHOUSE
TH	TEMP GENERAL PURPOSE WAREHOUSE
TI	TEMP HOSPITALS
TJ	TEMP DENTAL CLINICS
TK	TEMP HEALTH CLINICS
TL	TEMP GENERAL PURPOSE ADMINISTRATION
TM	TEMP (INVALID)
TN	TEMP FAMILY HOUSING
TO	TEMP (NOT USED)
TP	TEMP (NOT USED)
TQ	TEMP (NOT USED)
TR	TEMP (NOT USED)
TS	TEMP UNACCOMPANIED PERSONNEL HOUSING, ENLISTED
TT	TEMP BASIC TRAINEE BARRACKS
TU	TEMP DINNING FACILITIES

TV	TEMP UNACOMPANIED PERSONNEL HOUSING, OFFICES
TW	TEMP FIRE STATION
TX	TEMP CONFINEMENTN FACILIT'
TY	TEMP CHAPELS
TZ	TEMP (INVALID)
U1	TOTL ARTS & CRAFTS CENTER
U2	TOTL CONTINUING EDUCATION
U3	TOTL PHYSICAL FITNESS
U4	TOTL TRANSIENT HOUSING
U5	TOTL CONSOLIDATED OPEN DINNING
U6	TOTL (NOT USED)
U7	TOTL RETAIL STORE
U8	TOTL (NOT USED)
UA	TOTL GENERAL INSTRUCTIONAL BUILDINGS
UB	TOTL APPLIED INSTRUCTIONAL BUILDINGS
UC	TOTL AVIATION UNIT MAINTENANCE HANGAR
UD	TOTL ORGANIZATIONAL VEHICLE MAINTENANCE FACILITIES
UE	TOTL DS/GS VEHICLE MAINTENANCE SHOP
UF	TOTL SPECIAL PURPOSE MAINTENANCE SHOPS
UG	TOTL REPAIR AND OPERATION MAINTENANCE SHOPS
UH	TOTL AMMUNITION STORAGE FACILITIES
UI	TOTL COLD STORAGE FACILITIES
UJ	TOTL GENERAL PURPOSE WAREHOUSE
UK	TOTL HOSPITALS
UL	TOTL DENTAL CLINICS
UM	TOTL HEALTH CLINICS

UN	TOTL GENERAL PURPOSE ADMINISTRATION
UO	TOTL UNACOMPANIED PERSONNEL HOUSING, ENLISTED
UP	TOTL BASIC TRAINEE BARRACKS
UQ	TOTL DINNING FACILITIES
UR	TOTL UNACOMPANIED PERSONNEL HOUSING, OFFICES
US	TOTL FIRE STATION
UT	TOTL CHAPELS
UU	TOTL LAUNDRY/DRY CLEANING FACILITY
UV	TOTL POST OFFICE
UW	TOTL AUDITORIUM/THEATER
UX	TOTL BOWLING CENTER
UY	TOTL CHILD SUPPORT CENTER
UZ	TOTL COMMISSARY

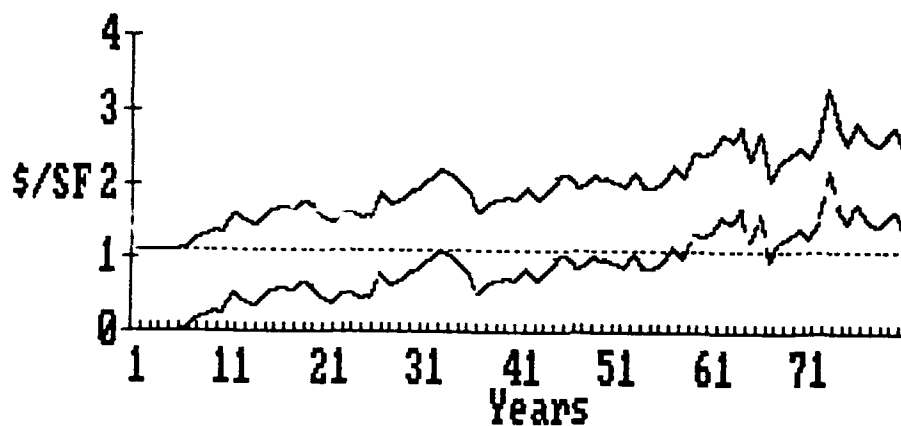
UNIT COST BY AGE

TABLE ID : FA

TOTAL

MRT

ARM



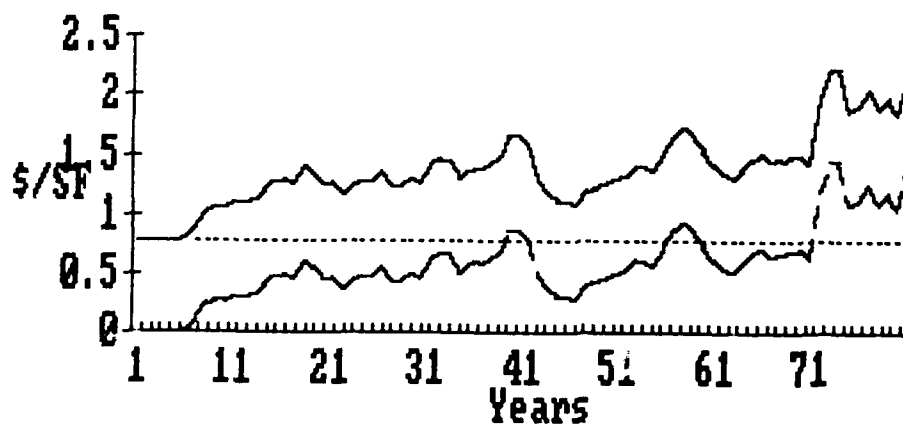
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TOTAL

MRT

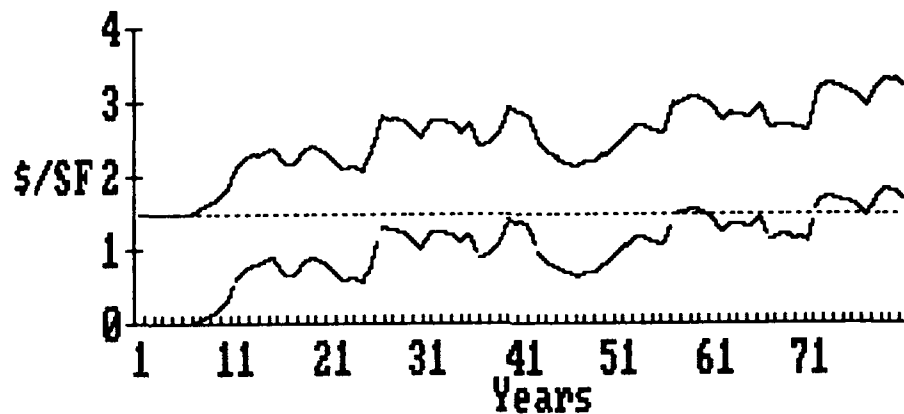
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UNIT COST BY AGE

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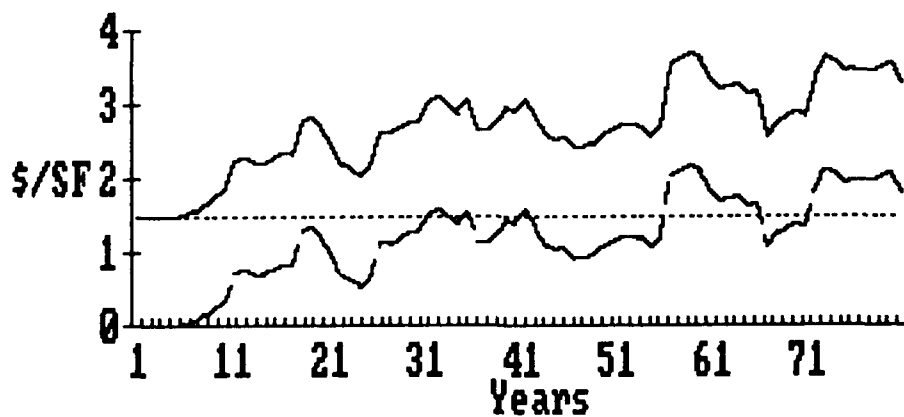
TOTAL
MRT
ARM



UNIT COST BY AGE

TABLE ID : FW

TOTAL
MRT
ARM



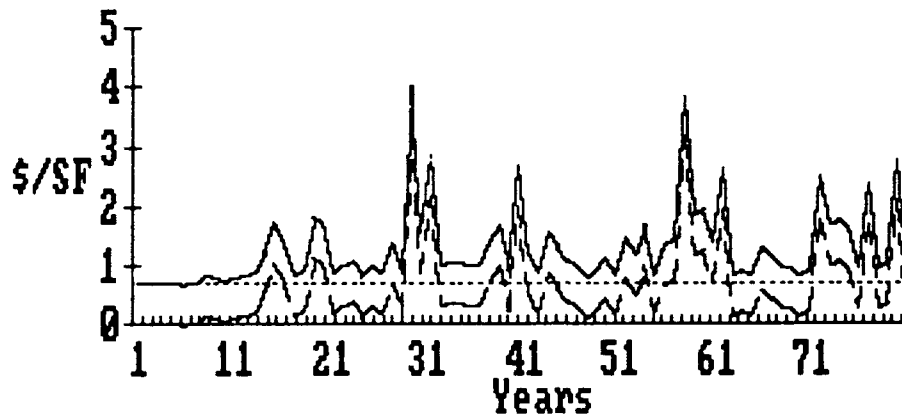
UNIT COST BY AGE

TABLE ID : U1

TOTAL

MRT

ARM



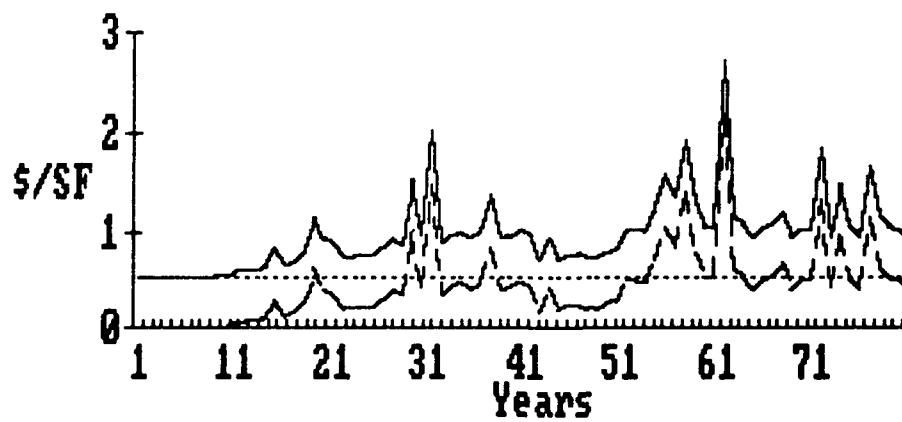
UNIT COST BY AGE

TABLE ID : U2

TOTAL

MRT

ARM



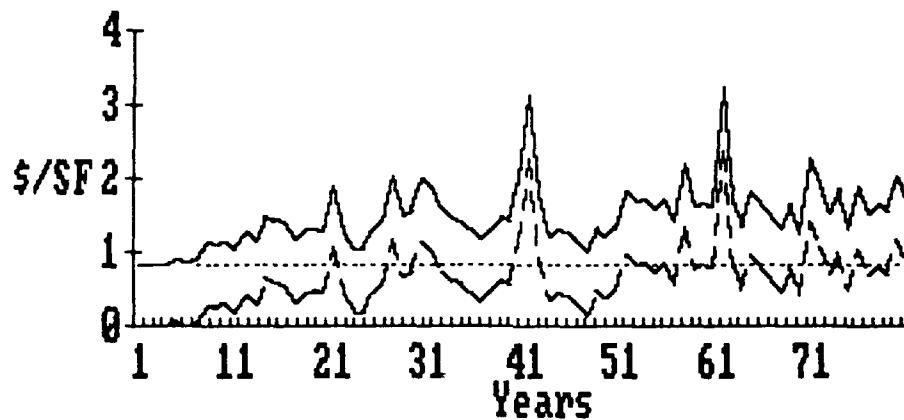
UNIT COST BY AGE

TABLE ID : U3

TOTAL

MRT

ARM



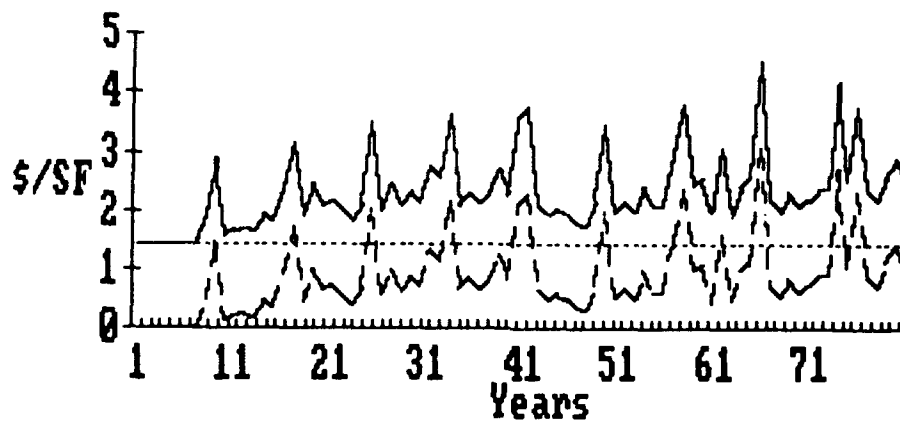
UNIT COST BY AGE

TABLE ID : U4

TOTAL

MRT

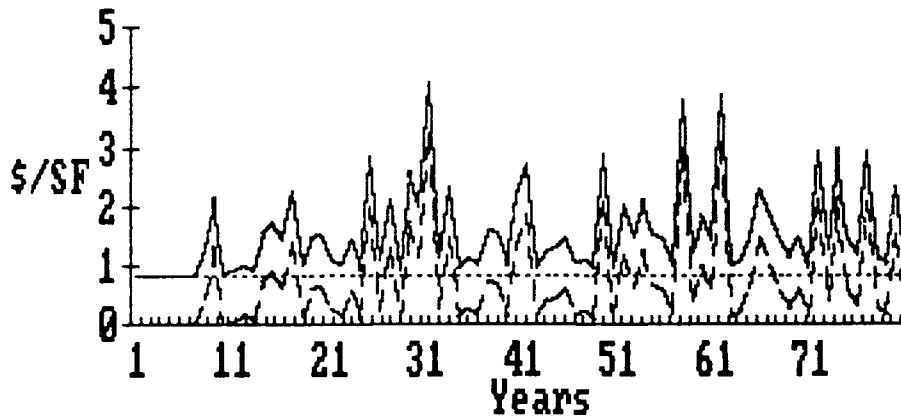
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UNIT COST BY AGE

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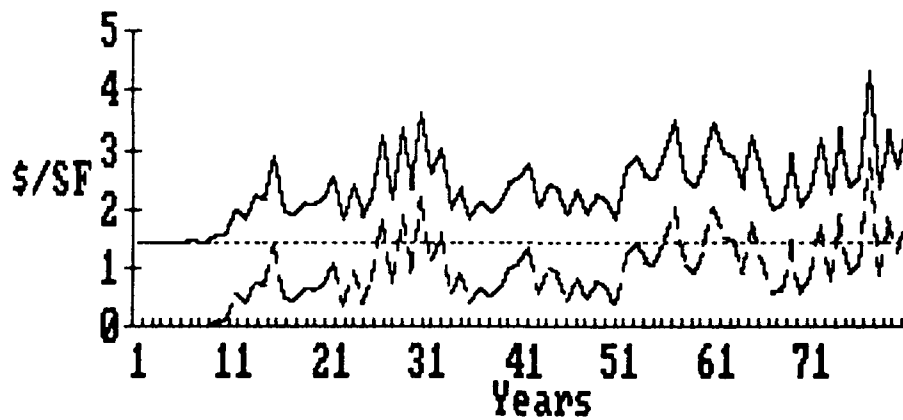
TOTAL
MRT
ARM



UNIT COST BY AGE

TABLE ID : U6

TOTAL
MRT
ARM



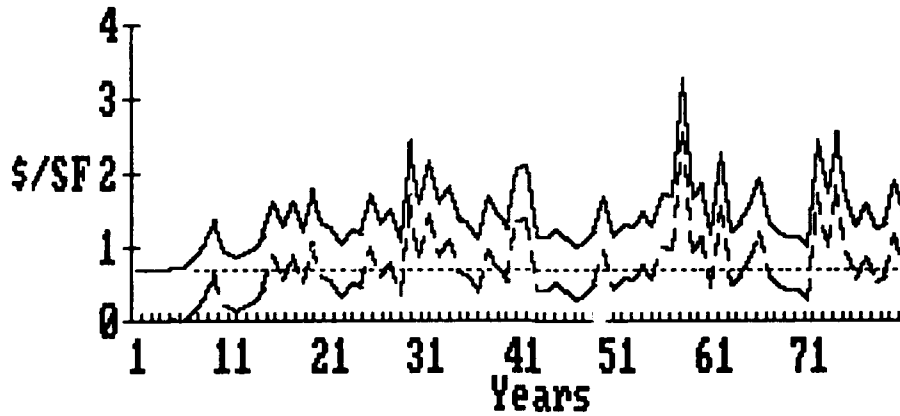
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TABLE ID : U7

TOTAL

MRT

ARM



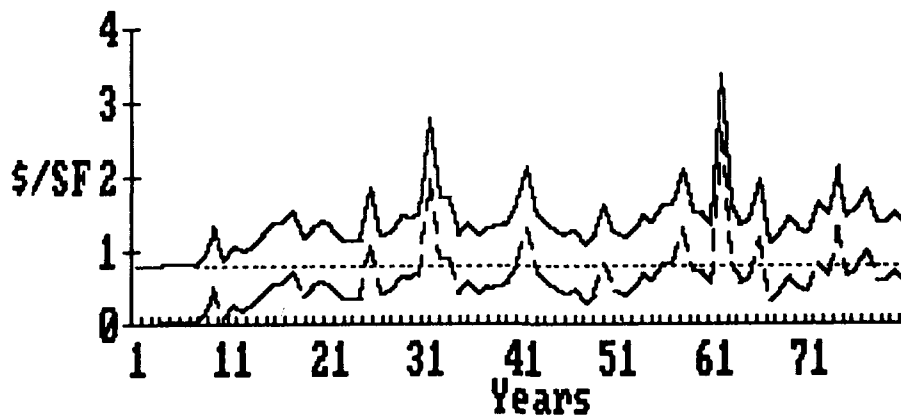
UNIT COST BY AGE

TABLE ID : U8

TOTAL

MRT

ARM



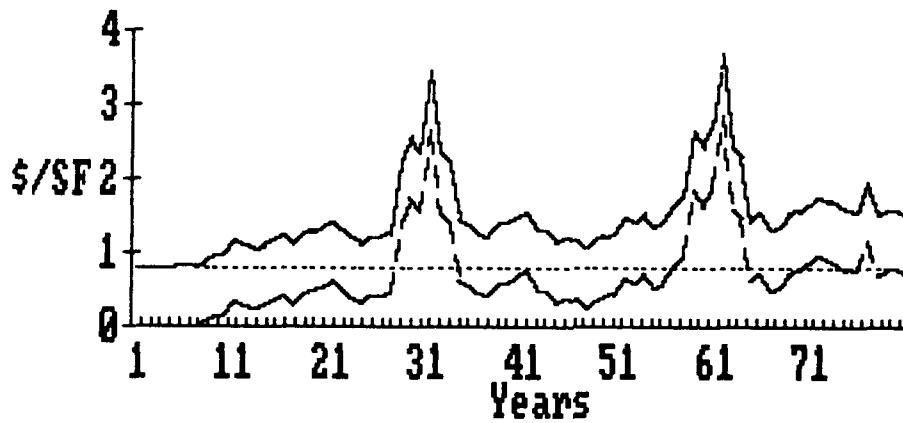
UNIT COST BY AGE

TABLE ID : UA

TOTAL

MRT

ARM



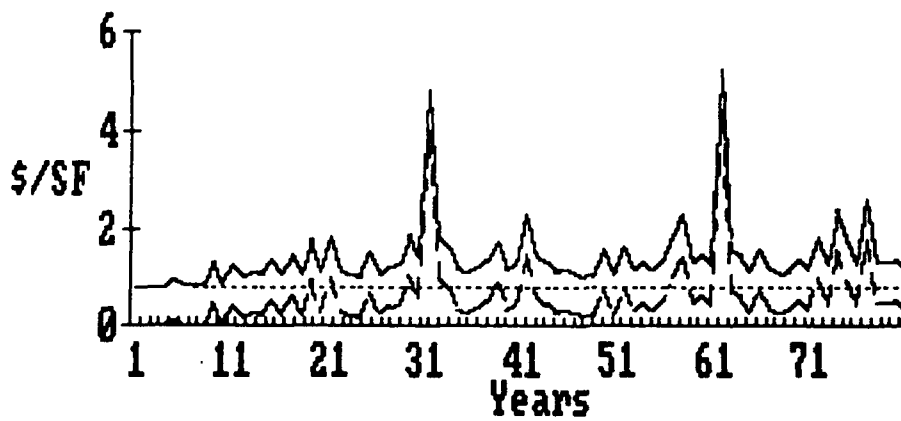
UNIT COST BY AGE

TABLE ID : UB

TOTAL

MRT

ARM



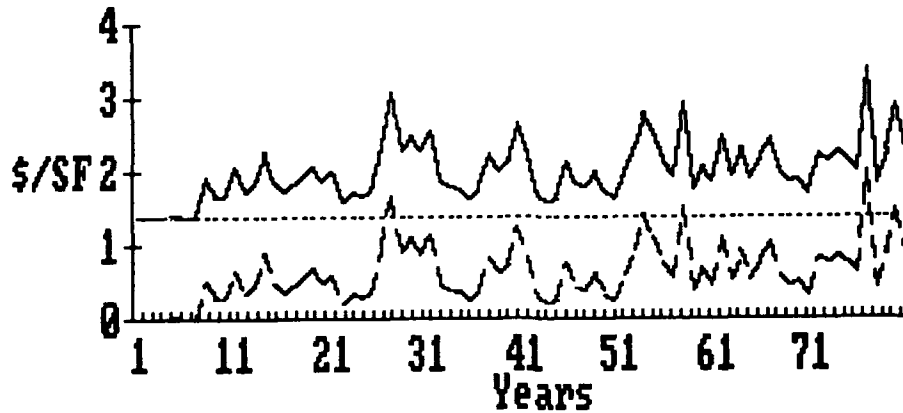
UNIT COST BY AGE

TABLE ID : UC

TOTAL

MRT

ARM



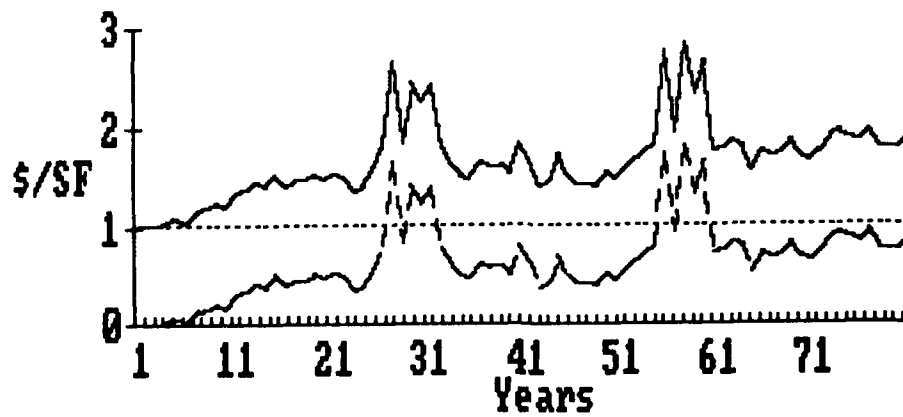
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TOTAL

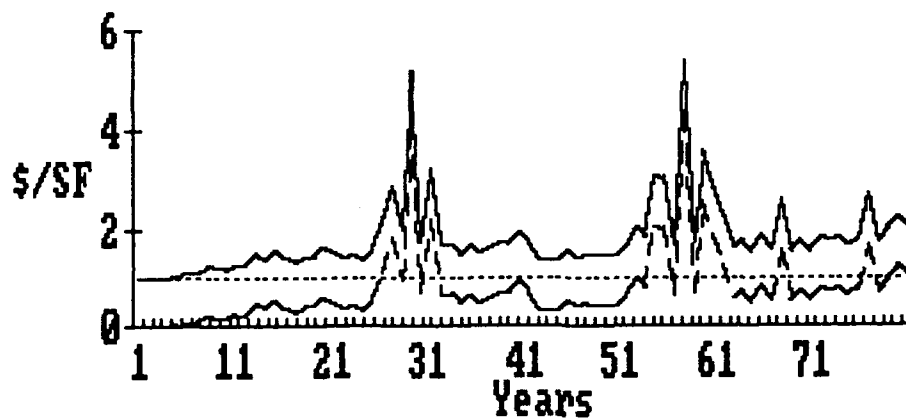
MRT

ARM



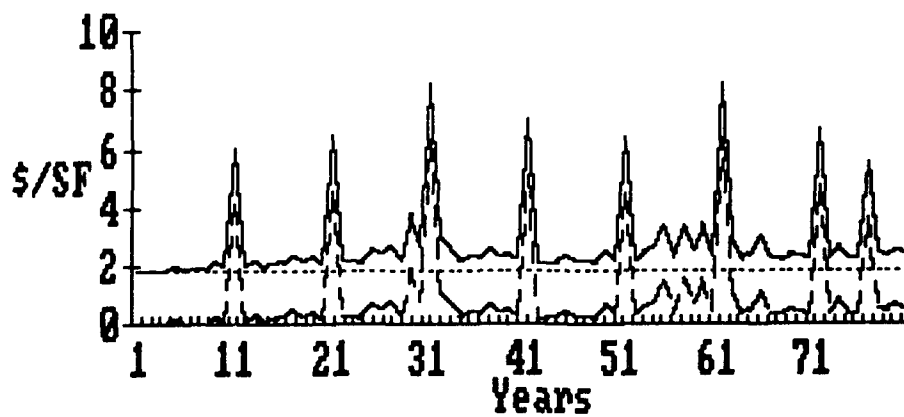
UNIT COST BY AGE
TABLE ID : UE

TOTAL
MRT
ARM



UNIT COST BY AGE
TABLE ID : UF

TOTAL
MRT
ARM



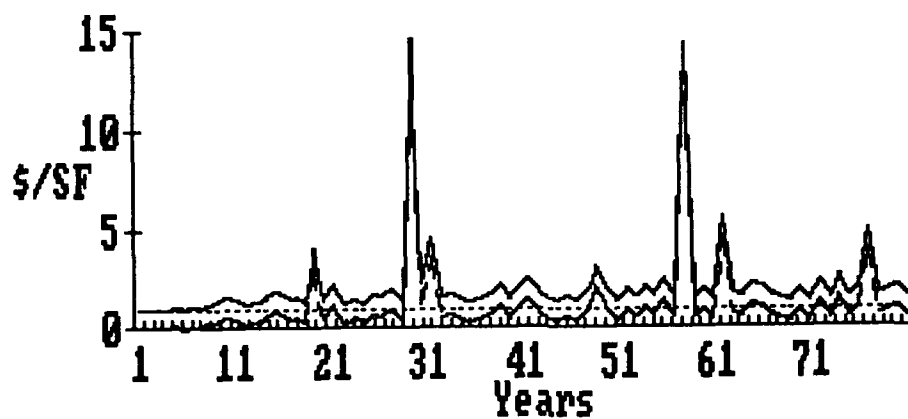
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TABLE ID : UG

TOTAL

MRT

ARM



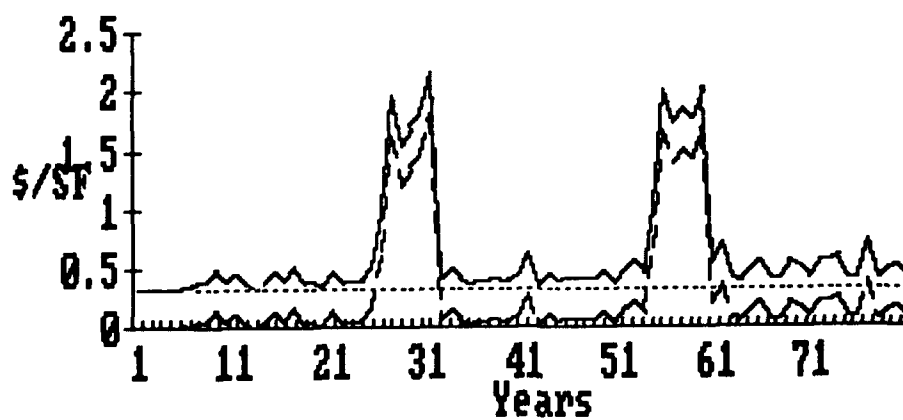
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TOTAL

MRT

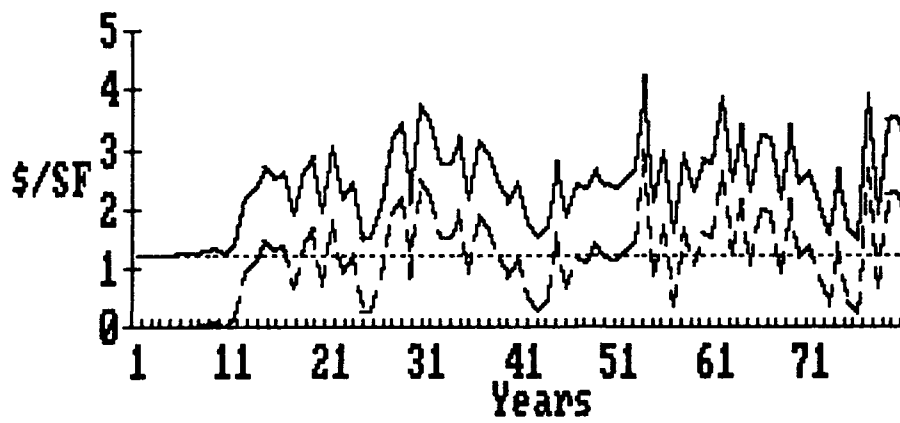
ARM



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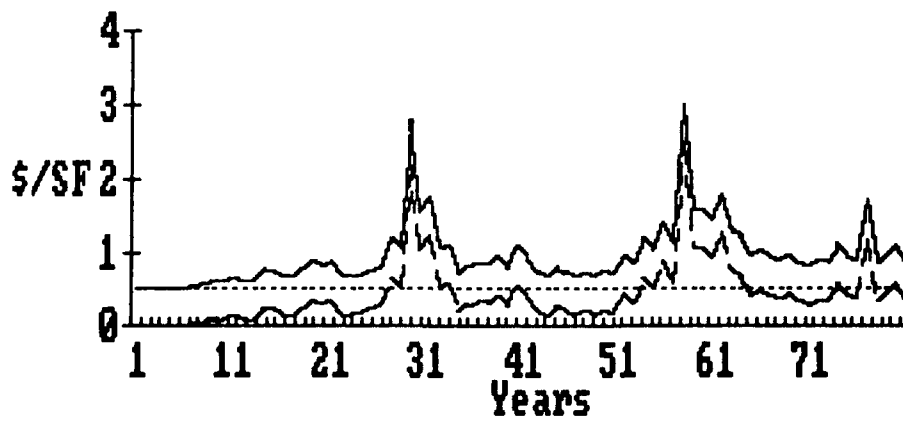
TOTAL
MRT
ARM



UNIT COST BY AGE

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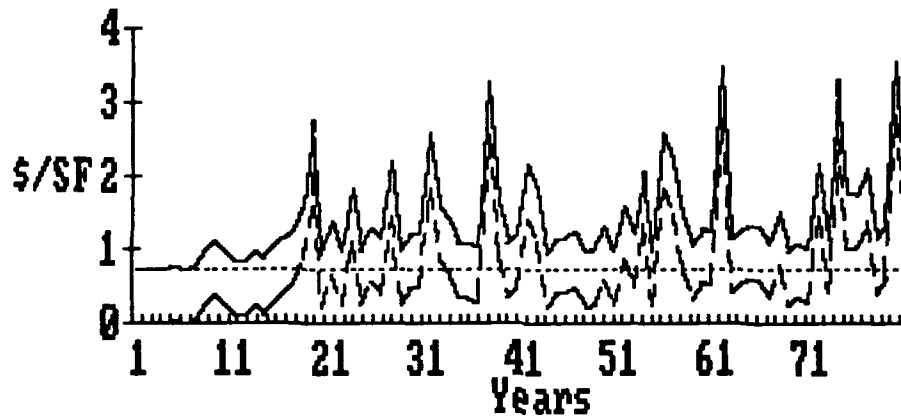
TOTAL
MRT
ARM



UNIT COST BY AGE

TABLE ID : UK

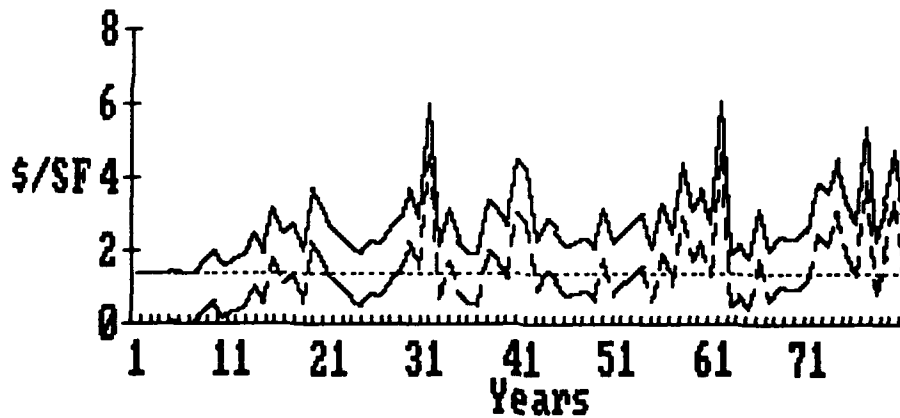
TOTAL
MRT
ARM



UNIT COST BY AGE

TABLE ID : UL

TOTAL
MRT
ARM



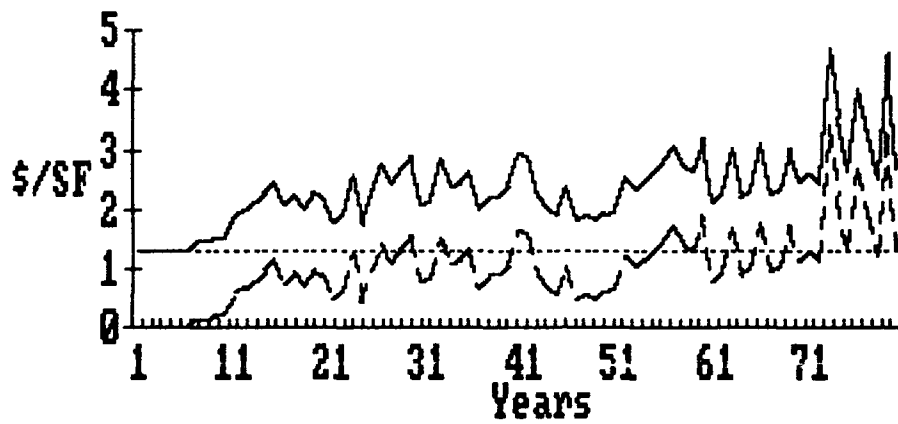
UNIT COST BY AGE

TABLE ID : UM

TOTAL

MRT

ARM



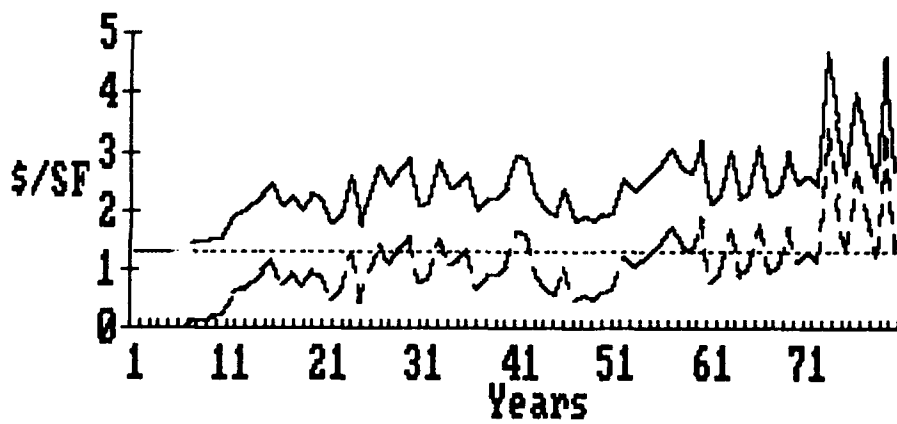
UNIT COST BY AGE

TABLE ID : UN

TOTAL

MRT

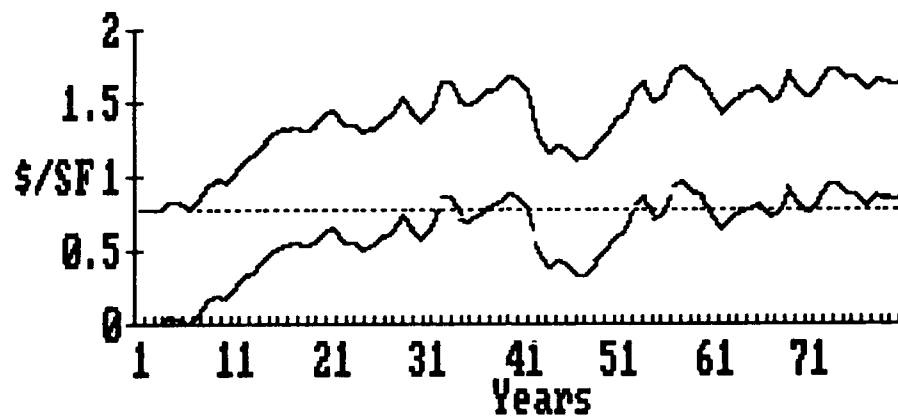
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UNIT COST BY AGE

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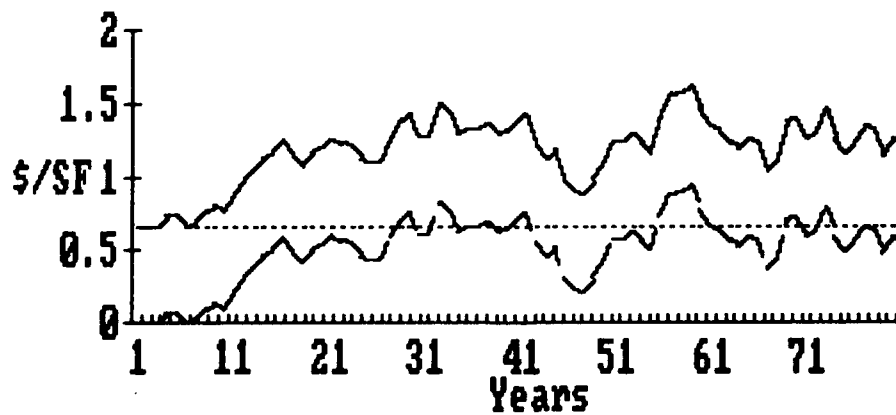
TOTAL
MRT
ARM



UNIT COST BY AGE

TABLE ID : UP

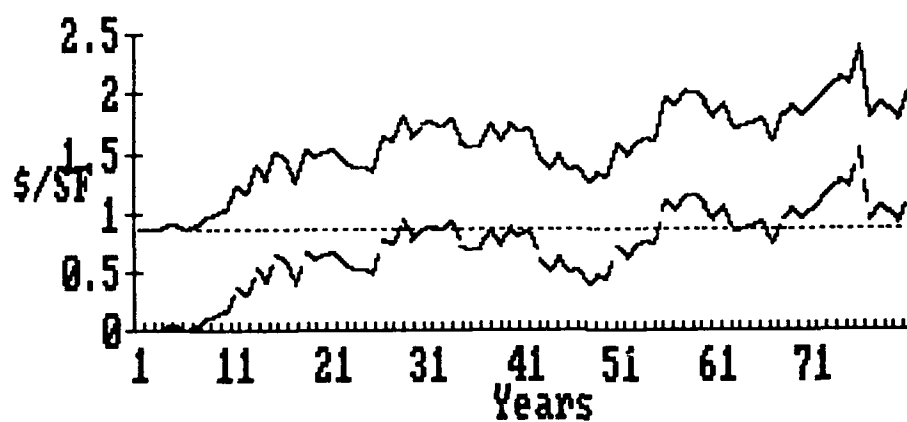
TOTAL
MRT
ARM



UNIT COST BY AGE

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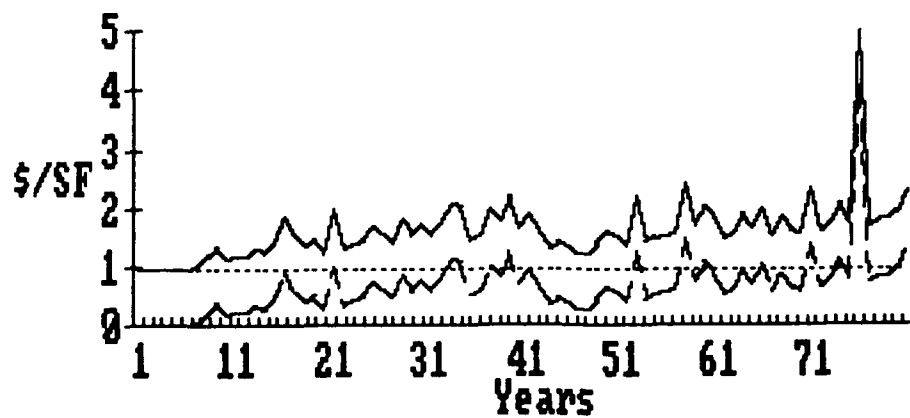
TOTAL
MRT
ARM



UNIT COST BY AGE

TABLE ID : UR

TOTAL
MRT
ARM



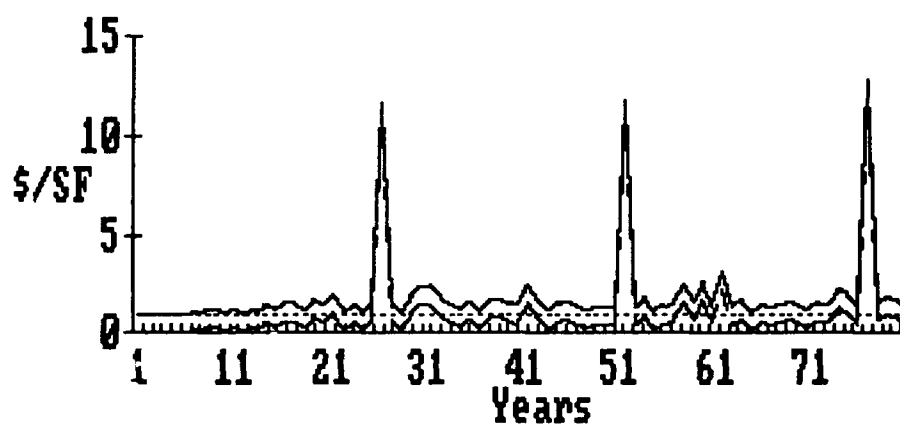
UNIT COST BY AGE

TABLE ID : US

TOTAL

MRT

ARM



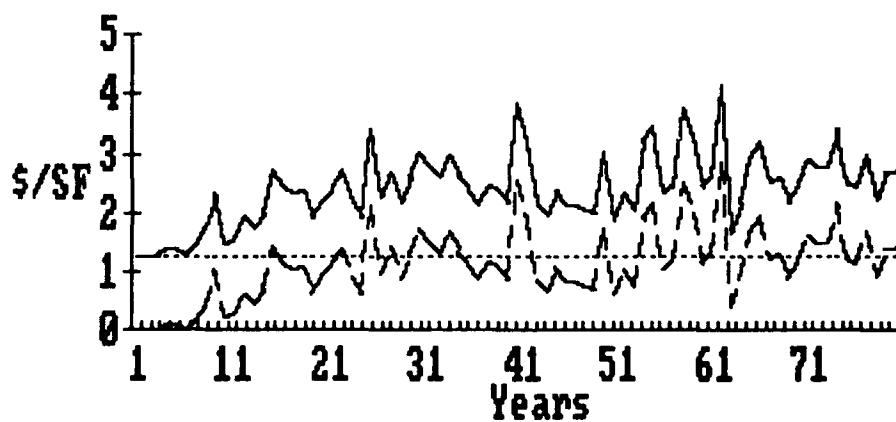
UNIT COST BY AGE

TABLE ID : UT

TOTAL

MRT

ARM



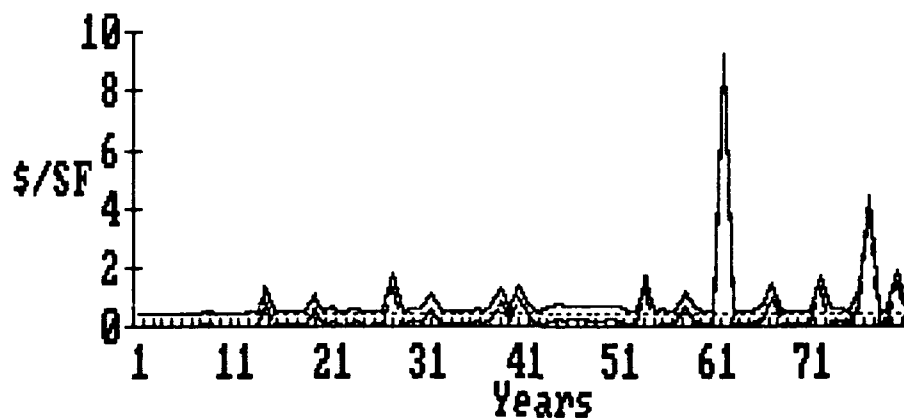
UNIT COST BY AGE

TABLE ID : UU

TOTAL

MRT

ARM



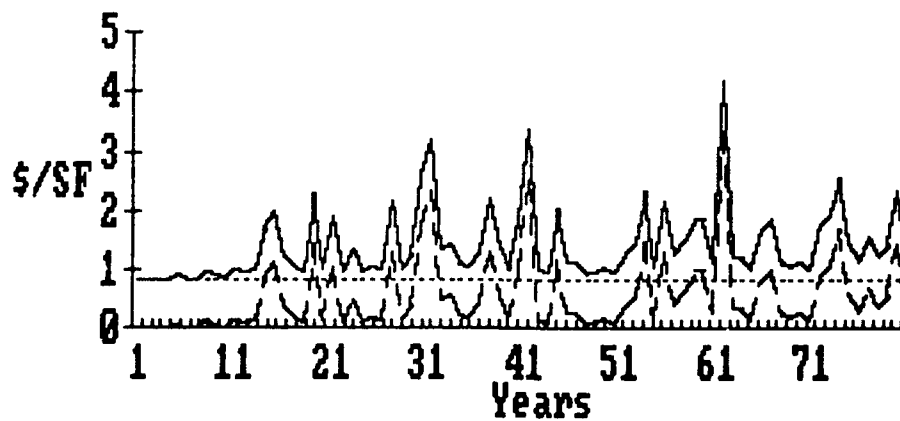
UNIT COST BY AGE

TABLE ID : UU

TOTAL

MRT

ARM



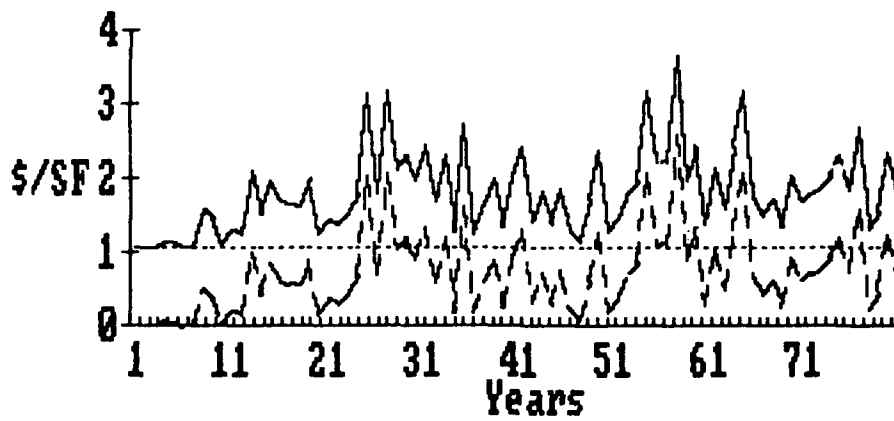
UNIT COST BY AGE

TABLE ID : UW

TOTAL

MRT

ARM



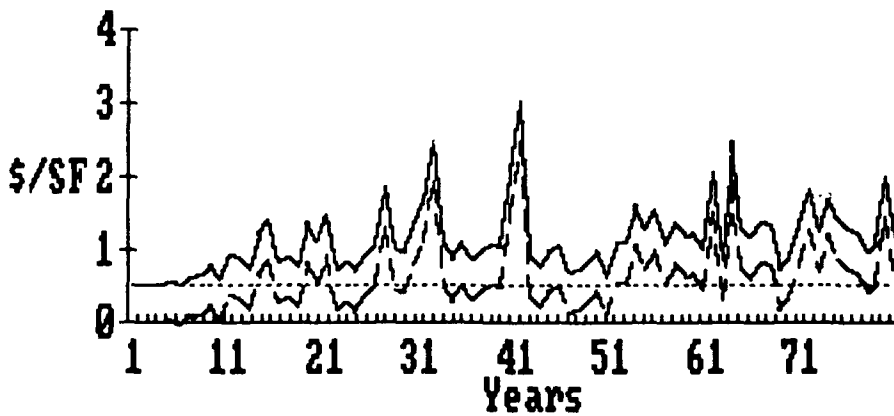
UNIT COST BY AGE

TABLE ID : UX

TOTAL

MRT

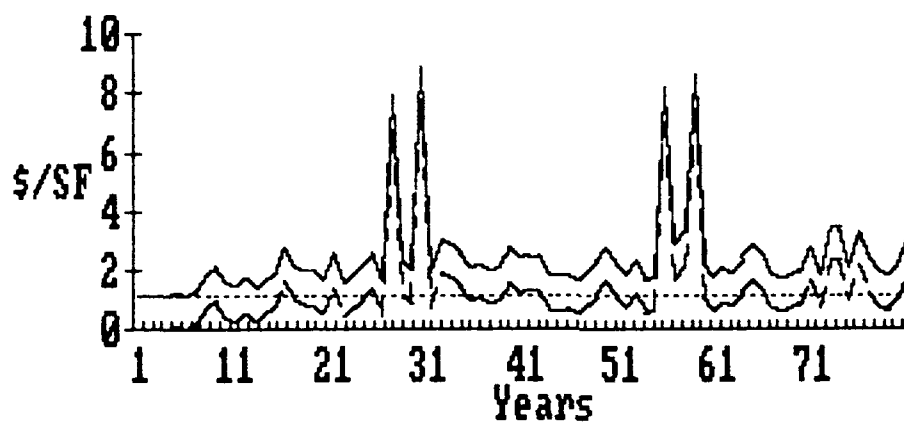
ARM



UNIT COST BY AGE

TABLE ID : UY

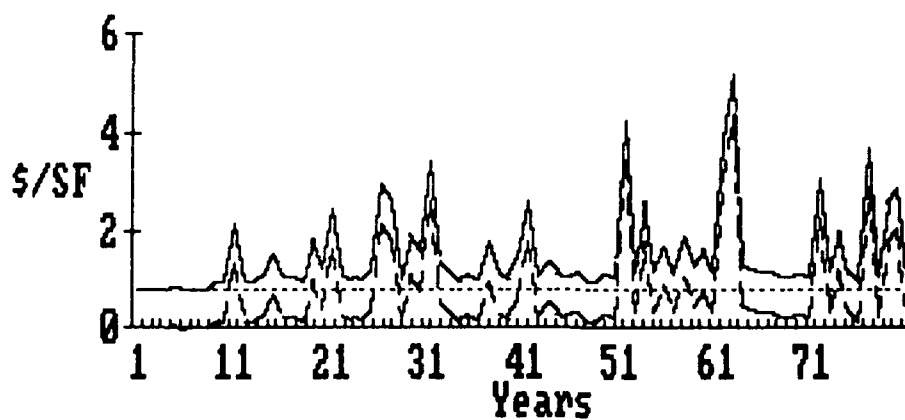
TOTAL
MRT
ARM



UNIT COST BY AGE

TABLE ID : UZ

TOTAL
MRT
ARM



APPENDIX F:

UNIT RESOURCES BY ENGINEERING SYSTEM

Summary File Description File
Tree Group Description

BF	FA	FAMILY HOUSING UPTO 1950
BF	FB	FAMILY HOUSING 1951-
BF	FC	FAMILY HOUSING- CAPEHART
BF	FW	FAMILY HOUSING- WHERRY
BF	U1	ARTS & CRAFTS CENTER
BF	U2	CONT EDUCATION FAC
BF	U3	PHYSICAL FITNESS CENTER
BF	U4	TRANSIENT HOUSING FACILITIES
BF	U5	CONSOLIDATED OPEN DIN FAC
BF	U7	COMMUNITY RETAIL STORE
BF	UA	GEN INSTRUCTION BLDG
BF	UB	APPLIED INSTRUCTION BLDG
BF	UC	AVIATION UNIT MAINTENANCE HANG
BF	UD	ORGANIZATIONAL VEH MAINT FAC
BF	UE	DS/GS VEHICLE MAINTENANCE SHOP
BF	UF	SPECIAL PURPOSE MAINTENANCE SH
BF	UG	MAINTENANCE - INSTALLATION O&R
BF	UH	AMMUNITION STORAGE FACILITIES
BF	UI	COLD STORAGE FACILITIES
BF	UJ	GENERAL PURPOSE WAREHOUSE
BF	UK	HOSPITAL
BF	UL	DENTAL CLINIC
BF	UM	HEALTH CLINIC
BF	UN	GENERAL PURPOSE ADMIN
BF	UO	UPH ENLISTED PERSONNEL
BF	UP	TRAINEE BRKS
BF	UQ	UPH DINING FACILITIES
BF	UR	UPH OFFICERS
BF	US	COMMUNITY FIRE STATION
BF	UT	TOTAL SUMMARY FOR UNAC. HOUSING
BF	UW	AUDITORIUM/THEATER FACILITY
BF	UX	BOWLING CENTER
BF	UY	CHILD SUPPORT CENTER
BF	UZ	COMMISSARY

FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0000000 Total Summary								
Years								
Labor Hours	.009419	.021853	.026782	.031978	.036156	.035439	.039046	.038957
Material Cost	.028986	.052293	.058826	.088826	.103134	.108105	.116968	.163913
Equipment Hours	.009002	.021096	.026568	.031121	.034086	.034531	.036919	.037966
Years								
Labor Hours	.047857	.047232	.049892	.043914	.047351	.046413	.050303	.050879
Material Cost	.266832	.272730	.381085	.421386	.377457	.401346	.401052	.412645
Equipment Hours	.045231	.046218	.047449	.042631	.044947	.045183	.052435	.049283
Years								
Labor Hours	.048209	.045981	.052998	.049286	.051345	.052497	.060475	.054815
Material Cost	.402798	.513497	.549643	.588050	.514523	.450115	.419237	.429662
Equipment Hours	.045185	.043863	.049353	.046646	.048828	.050126	.057314	.052863
Years								
Labor Hours	.059118	.050446	.050017	.048908	.056485	.052073	.050826	.053007
Material Cost	.449611	.473361	.464323	.515101	.580769	.501986	.614152	.704862
Equipment Hours	.055384	.048152	.046540	.046304	.052530	.049076	.046165	.049155
Years								
Labor Hours	.055155	.053412	.052044	.049084	.060914	.055587	.056699	.050034
Material Cost	.652611	.650160	.606233	.497285	.588896	.572864	.546527	.496979
Equipment Hours	.050244	.049949	.047331	.046044	.055806	.051842	.051919	.046321
Years								
Labor Hours	.053326	.048718	.051893	.056429	.058984	.055243	.057553	.059837
Material Cost	.565118	.552090	.520155	.601025	.561311	.509822	.552920	.552022
Equipment Hours	.049101	.044989	.047523	.053015	.054464	.052433	.053773	.057072
Years								
Labor Hours	.060683	.053241	.065616	.068026	.066100	.054110	.064794	.057684
Material Cost	.694278	.638413	.485447	.527220	.478942	.462934	.561196	.726494
Equipment Hours	.055974	.049765	.061752	.065030	.061493	.051249	.060164	.053694
Years								
Labor Hours	.058384	.061521	.063937	.062759	.066175	.061316	.069188	.055579
Material Cost	.740560	.720528	.663255	.718437	.764049	.779977	.751638	.744213
Equipment Hours	.052810	.057000	.058342	.058068	.060032	.056078	.061780	.050757
Years								
Labor Hours	.068041	.055146	.064187	.058980	.065966	.062706	.064246	.065366
Material Cost	.753188	.439799	.489931	.526078	.542882	.532292	.682591	.771986
Equipment Hours	.061105	.051340	.058425	.054070	.060430	.056920	.055994	.057101
Years								
Labor Hours	.068713	.063310	.071629	.064128	.063697	.056035	.060908	.054875
Material Cost	.617894	.592947	.572980	.652865	.636147	.660059	.629908	.616962
Equipment Hours	.060868	.058080	.063165	.058568	.056896	.049471	.053775	.049022

FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
000000 Total Summary										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.009419	.021853	.028782	.031978	.035156	.035439	.039046	.038957		
Material Cost	.028986	.052293	.058693	.088826	.103134	.108105	.116968	.163913		
Equipment Hours	.009002	.021096	.026568	.031121	.034086	.034531	.036919	.037966		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.047857	.047232	.049892	.043914	.047351	.046413	.055030	.050879		
Material Cost	.266832	.272730	.381085	.421386	.377457	.401346	.401052	.412645		
Equipment Hours	.045231	.046218	.047449	.042631	.044947	.045183	.052435	.049283		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.048209	.045981	.052998	.049286	.051345	.052497	.060475	.054815		
Material Cost	.402798	.513497	.549643	.588050	.515253	.450115	.419237	.429662		
Equipment Hours	.045185	.043863	.049353	.046646	.048828	.050126	.057314	.052863		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.059118	.050446	.050017	.048908	.056485	.052073	.050826	.053007		
Material Cost	.449611	.473361	.464323	.515101	.580769	.501986	.614152	.704862		
Equipment Hours	.055384	.048152	.046540	.046304	.052530	.049076	.046165	.049155		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.055155	.053412	.052044	.049084	.060914	.055587	.056699	.050034		
Material Cost	.652611	.650160	.606233	.497285	.588896	.572864	.546527	.496979		
Equipment Hours	.050244	.049949	.047331	.046044	.055806	.051842	.051919	.046321		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.053326	.048718	.051893	.056429	.058984	.055243	.057553	.059837		
Material Cost	.565118	.552090	.520155	.601025	.561311	.509822	.552920	.552022		
Equipment Hours	.049101	.044989	.047523	.053015	.054464	.052433	.053773	.057072		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.040683	.033241	.045616	.068026	.066100	.054110	.064794	.057684		
Material Cost	.694278	.638413	.485447	.527220	.479942	.462934	.561196	.726494		
Equipment Hours	.055974	.049765	.061752	.065030	.061493	.051249	.060164	.053694		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.058384	.061521	.063937	.062759	.066175	.061316	.069188	.055579		
Material Cost	.740560	.720528	.663255	.718437	.764049	.779977	.751638	.744213		
Equipment Hours	.052810	.057000	.058342	.058068	.060032	.056078	.061780	.050757		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.048041	.055146	.064187	.058980	.065966	.062706	.064246	.065366		
Material Cost	.733188	.439799	.489931	.526078	.542882	.532292	.685591	.771986		
Equipment Hours	.061105	.051340	.058425	.054070	.060430	.056920	.055994	.057101		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.068713	.063310	.071629	.064128	.063697	.056035	.060908	.054875		
Material Cost	.617894	.592947	.572980	.652865	.636147	.660059	.629908	.616962		
Equipment Hours	.060868	.058080	.063165	.058568	.056896	.049471	.053775	.049022		

FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0300000 Roofing										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000833	.001456	.001767	.001655	.001479	.001757	.001529	.001444		
Material Cost	.006496	.01247	.012409	.012400	.012465	.012162	.011332	.011332		
Equipment Hours	.000416	.000728	.000883	.000827	.000739	.000878	.000763	.000721		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.001721	.001533	.001586	.001693	.001420	.001678	.001827	.001583		
Material Cost	.011416	.012277	.012142	.011332	.011695	.012604	.013317	.013162		
Equipment Hours	.000860	.000766	.000792	.000846	.000709	.000839	.000913	.000790		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.001823	.002529	.003243	.003703	.003065	.002771	.001745	.001406		
Material Cost	.012153	.115672	.124326	.130810	.097207	.026701	.012519	.012542		
Equipment Hours	.000911	.001264	.001621	.001851	.001532	.001386	.000872	.000703		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.001937	.001862	.001543	.001797	.001646	.001534	.001746	.001347		
Material Cost	.013296	.012878	.012506	.012356	.012453	.012981	.012057	.011865		
Equipment Hours	.000968	.000930	.000771	.000898	.000823	.000767	.000872	.000673		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.001757	.001713	.001937	.001966	.003309	.002731	.003245	.002752		
Material Cost	.012604	.012372	.019031	.022653	.131093	.118935	.128995	.084706		
Equipment Hours	.000878	.000856	.000968	.000982	.001654	.001365	.001622	.001376		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.002678	.002424	.002236	.002472	.001869	.001571	.001894	.001677		
Material Cost	.029155	.023784	.026150	.024461	.013039	.012878	.012676	.012441		
Equipment Hours	.001338	.001211	.001117	.001235	.000934	.000785	.000946	.000838		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.001485	.001803	.001439	.001649	.001769	.001374	.002355	.002537		
Material Cost	.012283	.012897	.012057	.011865	.012604	.012372	.112983	.109842		
Equipment Hours	.000742	.000901	.000719	.000824	.000884	.000686	.001177	.001268		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.002213	.002342	.003042	.004122	.007709	.005683	.006534	.004629		
Material Cost	.114251	.083500	.030684	.067341	.160518	.114299	.144603	.092484		
Equipment Hours	.001106	.001170	.001520	.002060	.003854	.002842	.003266	.002314		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.006738	.004507	.005955	.006068	.004664	.006787	.004931	.006911		
Material Cost	.154365	.084119	.126829	.140009	.092843	.151862	.106699	.151436		
Equipment Hours	.003368	.002252	.002977	.003033	.002332	.003393	.002465	.003456		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.002950	.001806	.001747	.001915	.002283	.002856	.002166	.002585		
Material Cost	.049941	.017151	.012280	.017877	.023508	.030870	.023593	.027725		
Equipment Hours	.001475	.000903	.000873	.000958	.001141	.001427	.001083	.001292		

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UM = Unit of Measure ID
TD = Trade ID

FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0400000 Exterior Closure								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000436	.000667	.001326	.005953	.006598	.007973	.008883	.008827
Material Cost	.001996	.003083	.003140	.010784	.030267	.028893	.022596	.027485
Equipment Hours	.000436	.000667	.001326	.005953	.006598	.007973	.008883	.008827
Years	9	10	11	12	13	14	15	16
Labor Hours	.011467	.011778	.010731	.004996	.004752	.010736	.014381	.013876
Material Cost	.040241	.057347	.049532	.031753	.033012	.054091	.061385	.040207
Equipment Hours	.011467	.011778	.010731	.004996	.004709	.010683	.014326	.013823
Years	17	18	19	20	21	22	23	24
Labor Hours	.009262	.012137	.013402	.010944	.011286	.013203	.016984	.014844
Material Cost	.034808	.034356	.033278	.027680	.035923	.053370	.063406	.071709
Equipment Hours	.009207	.012088	.013402	.010944	.011286	.013203	.016984	.014844
Years	25	26	27	28	29	30	31	32
Labor Hours	.014527	.012664	.009496	.009289	.011896	.012351	.007372	.011288
Material Cost	.056235	.039280	.021778	.027420	.048789	.043736	.036458	.040719
Equipment Hours	.014527	.012664	.009496	.009257	.011844	.012287	.007320	.011233
Years	33	34	35	36	37	38	39	40
Labor Hours	.011439	.013565	.007645	.006753	.013476	.013226	.012676	.010469
Material Cost	.072455	.076412	.045261	.046641	.049645	.047406	.046975	.043694
Equipment Hours	.011389	.013565	.007645	.006753	.013476	.013226	.012676	.010469
Years	41	42	43	44	45	46	47	48
Labor Hours	.013215	.009732	.010401	.016424	.015453	.019419	.019238	.019118
Material Cost	.048132	.050509	.084171	.123693	.122806	.156402	.157778	.138995
Equipment Hours	.013215	.009732	.010369	.016371	.015389	.019366	.019182	.019066
Years	49	50	51	52	53	54	55	56
Labor Hours	.013212	.010460	.016225	.016758	.013618	.011840	.014342	.010292
Material Cost	.122716	.118177	.086987	.089431	.064047	.070366	.080310	.047829
Equipment Hours	.013212	.010460	.016225	.016758	.013618	.011840	.014342	.010292
Years	57	58	59	60	61	62	63	64
Labor Hours	.008528	.010712	.011507	.012870	.012768	.011161	.007759	.005886
Material Cost	.041791	.045192	.039937	.053877	.052005	.042332	.038053	.035461
Equipment Hours	.008528	.010680	.011454	.012806	.012715	.011105	.007709	.005886
Years	65	66	67	68	69	70	71	72
Labor Hours	.008213	.012105	.015620	.012344	.013574	.016669	.013095	.011770
Material Cost	.049403	.063403	.110088	.104792	.128033	.125429	.104750	.096726
Equipment Hours	.008213	.012105	.015620	.012344	.013574	.016669	.013095	.011770
Years	73	74	75	76	77	78	79	80
Labor Hours	.015408	.018506	.017519	.015438	.013603	.008914	.011562	.012752
Material Cost	.099002	.107662	.104424	.105340	.099553	.103393	.104228	.097753
Equipment Hours	.015375	.018454	.017455	.015386	.013547	.008862	.011562	.012752

FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
0500000	Interior Construction	UM TD	2 1						
Years									
Labor Hours	.000005	.000011	.000011	.001575	.001582	.000964	.001085	.002480	
Material Cost	.000045	.000090	.000090	.004937	.00270	.006618	.008154	.012813	
Equipment Hours	.000005	.000011	.000011	.001575	.001582	.000964	.001079	.002467	
Years									
Labor Hours	.003244	.001653	.000707	.002270	.003182	.001722	.001564	.002693	
Material Cost	.056789	.050953	.043716	.048200	.054104	.049650	.049728	.014574	
Equipment Hours	.003226	.001647	.000707	.002270	.003182	.001722	.001559	.002679	
Years									
Labor Hours	.002580	.000064	.000085	.003112	.003235	.001506	.001734	.003191	
Material Cost	.014796	.001886	.000973	.052647	.053913	.048160	.050724	.056663	
Equipment Hours	.002562	.000058	.000085	.003112	.003235	.001506	.001728	.003178	
Years									
Labor Hours	.002267	.000703	.001079	.002809	.002568	.001148	.002313	.002928	
Material Cost	.051761	.044073	.007799	.013661	.011632	.007635	.080687	.080261	
Equipment Hours	.002249	.000684	.001079	.002784	.002553	.001141	.002292	.002893	
Years									
Labor Hours	.002871	.002210	.002402	.003838	.004066	.001759	.000903	.000905	
Material Cost	.081197	.078051	.082077	.084911	.085672	.037009	.031550	.034820	
Equipment Hours	.002853	.002190	.002395	.003828	.004019	.001745	.000898	.000877	
Years									
Labor Hours	.001916	.001836	.001672	.003342	.003323	.000761	.000784	.003229	
Material Cost	.042892	.038389	.037277	.041039	.043757	.031023	.032958	.043059	
Equipment Hours	.001878	.001821	.001658	.003326	.003316	.000748	.000764	.003215	
Years									
Labor Hours	.004122	.002303	.001816	.003224	.002252	.000668	.001551	.002705	
Material Cost	.090562	.080234	.050374	.053955	.048253	.043172	.048842	.014529	
Equipment Hours	.004091	.002282	.001786	.003208	.002238	.000660	.001524	.002677	
Years									
Labor Hours	.002515	.001147	.001110	.002189	.002207	.001687	.001739	.003193	
Material Cost	.014397	.008574	.006852	.046810	.047499	.049637	.050545	.056317	
Equipment Hours	.002497	.001124	.001064	.002182	.002200	.001672	.001733	.003159	
Years									
Labor Hours	.003361	.001631	.000153	.001635	.002577	.001157	.002226	.003945	
Material Cost	.058228	.050103	.001754	.005677	.011790	.007860	.080308	.086856	
Equipment Hours	.003328	.001614	.000137	.001615	.002577	.001144	.002220	.003931	
Years									
Labor Hours	.003818	.001248	.001441	.003901	.004004	.001738	.001996	.001831	
Material Cost	.087252	.072329	.076985	.084861	.085943	.036775	.041693	.040463	
Equipment Hours	.003801	.001242	.001441	.003887	.004004	.001717	.001974	.001810	

FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.004533	.007801	.007801	.008575	.008795	.008558	.008895	.008812
Material Cost	.019150	.032967	.032967	.03176	.037103	.037226	.038573	.042257
Equipment Hours	.004533	.007801	.007801	.008575	.008795	.008558	.008870	.008663
Years	9	10	11	12	13	14	15	16
Labor Hours	.011186	.015183	.015301	.015887	.014827	.014163	.014440	.012059
Material Cost	.055065	.058941	.05915	.05957	.056770	.066969	.064008	.063224
Equipment Hours	.010969	.015157	.015301	.015887	.014798	.014066	.014341	.011834
Years	17	18	19	20	21	22	23	24
Labor Hours	.012672	.010988	.013545	.011789	.012962	.014952	.015281	.014318
Material Cost	.067589	.050781	.059422	.055786	.064333	.069408	.075048	.072830
Equipment Hours	.012376	.010876	.013452	.011710	.012866	.014878	.015159	.014160
Years	25	26	27	28	29	30	31	32
Labor Hours	.014600	.014155	.014532	.012697	.014451	.013503	.014827	.015134
Material Cost	.074695	.066476	.060038	.049762	.054315	.051481	.090231	.126553
Equipment Hours	.014383	.014117	.014531	.012672	.014424	.013497	.014188	.014127
Years	33	34	35	36	37	38	39	40
Labor Hours	.012862	.016378	.016362	.014579	.015923	.015704	.016005	.015180
Material Cost	.102415	.124194	.126594	.106413	.109666	.135441	.109954	.103600
Equipment Hours	.011963	.015225	.015510	.013917	.015184	.014696	.015247	.014133
Years	41	42	43	44	45	46	47	48
Labor Hours	.014911	.014498	.012286	.012650	.012602	.013790	.014313	.015276
Material Cost	.137153	.107352	.080566	.087821	.084573	.085851	.092138	.098794
Equipment Hours	.013706	.013566	.011644	.011972	.011962	.012952	.013627	.014518
Years	49	50	51	52	53	54	55	56
Labor Hours	.017751	.017120	.022580	.025338	.023263	.019770	.022189	.017961
Material Cost	.131662	.121017	.117312	.145937	.156716	.118729	.137167	.124351
Equipment Hours	.016624	.016312	.021572	.024041	.021790	.018732	.020877	.016729
Years	57	58	59	60	61	62	63	64
Labor Hours	.019225	.023388	.022048	.020018	.022586	.022199	.027568	.020056
Material Cost	.132697	.128222	.139323	.105958	.078690	.081120	.097408	.084192
Equipment Hours	.017642	.021910	.020826	.019058	.021932	.021736	.026371	.019224
Years	65	66	67	68	69	70	71	72
Labor Hours	.024185	.016546	.019255	.017572	.022063	.017117	.020538	.021984
Material Cost	.100285	.065029	.072169	.072404	.080860	.072017	.115327	.144170
Equipment Hours	.023423	.015924	.018689	.016648	.021174	.016307	.017266	.018510
Years	73	74	75	76	77	78	79	80
Labor Hours	.021094	.021110	.025960	.020560	.020379	.020434	.021014	.017379
Material Cost	.131326	.134285	.154494	.117866	.120448	.143431	.114014	.106283
Equipment Hours	.017279	.018086	.020960	.017496	.017377	.016809	.017590	.014217

FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task Description	UM	TD	2	3	4	5	6	7	8
0800000 Plumbing									
Years	1	2	3	4	5	6	7	8	
Labor Hours	.000371	.001378	.006740	.003193	.006328	.004180	.006355	.005632	
Material Cost	.000070	.000714	.004817	.017532	.018126	.018126	.004907	.018166	
Equipment Hours	.000371	.001350	.005410	.003164	.004999	.004152	.005025	.005505	
Years	9	10	11	12	13	14	15	16	
Labor Hours	.007691	.004924	.007654	.005138	.008959	.004457	.008561	.006992	
Material Cost	.085946	.073140	.144214	.167795	.116026	.112696	.100291	.179766	
Equipment Hours	.006161	.004710	.006017	.004787	.007411	.004312	.007119	.006564	
Years	17	18	19	20	21	22	23	24	
Labor Hours	.007917	.006471	.008514	.006102	.006242	.005983	.010453	.006436	
Material Cost	.167595	.192236	.214208	.211749	.128023	.134169	.091177	.102415	
Equipment Hours	.006255	.005880	.006688	.005489	.005531	.005210	.008438	.005566	
Years	25	26	27	28	29	30	31	32	
Labor Hours	.010232	.005698	.007292	.006546	.010082	.008500	.009429	.007033	
Material Cost	.081584	.099031	.124332	.147805	.200281	.165278	.196646	.211227	
Equipment Hours	.008179	.005113	.005440	.005863	.007976	.007180	.007185	.005988	
Years	33	34	35	36	37	38	39	40	
Labor Hours	.010744	.004703	.008694	.007061	.009044	.007900	.008738	.005994	
Material Cost	.159692	.148359	.131677	.116649	.095326	.132949	.134626	.147738	
Equipment Hours	.008535	.003953	.006443	.005884	.006596	.006704	.006487	.004812	
Years	41	42	43	44	45	46	47	48	
Labor Hours	.006071	.006019	.010881	.007380	.011253	.006826	.007895	.007359	
Material Cost	.214062	.247237	.197810	.220422	.176237	.132192	.150036	.164735	
Equipment Hours	.004555	.004575	.008443	.006206	.008608	.005890	.006053	.006418	
Years	49	50	51	52	53	54	55	56	
Labor Hours	.010325	.008031	.008349	.006208	.009911	.004852	.008742	.007382	
Material Cost	.208421	.174252	.070500	.071568	.039552	.038306	.047312	.180470	
Equipment Hours	.007809	.006484	.006504	.005708	.008151	.004244	.006988	.006741	
Years	57	58	59	60	61	62	63	64	
Labor Hours	.008309	.007244	.009360	.007136	.005912	.005862	.010486	.006682	
Material Cost	.176422	.195941	.207889	.201025	.197260	.234360	.187381	.214576	
Equipment Hours	.006333	.006257	.007476	.006343	.005111	.004732	.008213	.005757	
Years	65	66	67	68	69	70	71	72	
Labor Hours	.010540	.006461	.008882	.007527	.008391	.007238	.008518	.006126	
Material Cost	.174154	.052064	.051738	.071032	.089707	.090367	.181310	.201563	
Equipment Hours	.008330	.005750	.006877	.006793	.006401	.005815	.006125	.004988	
Years	73	74	75	76	77	78	79	80	
Labor Hours	.010779	.006394	.010216	.007974	.008738	.007622	.009537	.005938	
Material Cost	.163471	.159668	.134023	.203018	.185724	.215147	.242739	.218575	
Equipment Hours	.008381	.005347	.007803	.006701	.006363	.006397	.007133	.004855	

FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC		UM TD 2 9						
Years								
Labor Hours	.003210	.009854	.009969	.009855	.010011	.010021	.010123	.009982
Material Cost	.001029	.003192	.003193	.003196	.003139	.009839	.009397	.010308
Equipment Hours	.003210	.009854	.009969	.009855	.010011	.010021	.010123	.009982
Years								
Labor Hours	.010060	.009990	.010486	.010646	.010817	.010657	.010893	.010565
Material Cost	.006318	.009276	.040633	.071109	.070369	.071704	.077561	.067567
Equipment Hours	.010060	.009990	.010474	.010559	.010745	.010567	.010818	.010485
Years								
Labor Hours	.010625	.010657	.010834	.010590	.010905	.010670	.010786	.010775
Material Cost	.070492	.083861	.083720	.076636	.107771	.092894	.099410	.083030
Equipment Hours	.010551	.010567	.010735	.010498	.010732	.010534	.010644	.010571
Years								
Labor Hours	.011495	.011077	.011245	.011346	.011300	.011045	.011003	.010951
Material Cost	.140718	.092477	.101615	.127742	.113779	.117145	.073402	.086635
Equipment Hours	.011035	.010743	.010883	.010859	.010874	.010529	.010561	.010466
Years								
Labor Hours	.010876	.010410	.010541	.010477	.010516	.010227	.010331	.010227
Material Cost	.081546	.048570	.073573	.082287	.075074	.060951	.046928	.040429
Equipment Hours	.010471	.010219	.010342	.010276	.010330	.010073	.010230	.010156
Years								
Labor Hours	.010479	.010276	.010483	.010301	.010493	.010268	.010553	.010357
Material Cost	.057146	.048064	.057702	.063176	.083018	.056325	.070213	.056820
Equipment Hours	.010364	.010188	.010366	.010142	.010274	.010096	.010361	.010206
Years								
Labor Hours	.010622	.010783	.010852	.010965	.011355	.011405	.011313	.011293
Material Cost	.089952	.096982	.101300	.112464	.113400	.134471	.091235	.118518
Equipment Hours	.010367	.010593	.010668	.010641	.010887	.010964	.010980	.010858
Years								
Labor Hours	.011286	.011138	.011167	.011284	.011224	.010921	.010883	.010887
Material Cost	.107748	.113410	.089388	.129485	.118654	.127191	.105561	.129734
Equipment Hours	.010932	.010761	.010804	.010794	.010840	.010705	.010719	.010666
Years								
Labor Hours	.010825	.010643	.010824	.010807	.010836	.010344	.010474	.010198
Material Cost	.102254	.094528	.095208	.101269	.102939	.052360	.043779	.038593
Equipment Hours	.010653	.010454	.010665	.010620	.010594	.010207	.010372	.010097
Years								
Labor Hours	.010293	.010232	.010475	.010485	.010545	.010440	.010328	.010477
Material Cost	.037049	.050161	.042332	.077644	.071135	.080782	.055534	.080859
Equipment Hours	.010193	.010089	.010368	.010299	.010382	.010240	.010192	.010194

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UM = Unit of Measure ID
TD = Trade ID

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FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task	Description	UM	TD	2	2
1100000	Interior Electrical				
Years	1	2	3	4	5
Labor Hours	.00031	.000433	.000914	.000920	.001112
Material Cost	.000000	.000000	.002077	.002801	.002762
Equipment Hours	.000031	.000433	.000914	.000920	.001112
Years	9	10	11	12	13
Labor Hours	.002092	.001788	.002888	.002728	.002833
Material Cost	.010485	.010272	.028110	.027574	.028531
Equipment Hours	.002092	.001788	.002888	.002728	.002830
Years	17	18	19	20	21
Labor Hours	.002801	.002605	.002875	.002562	.003307
Material Cost	.029047	.028219	.027511	.026556	.026639
Equipment Hours	.002797	.002603	.002872	.002557	.003304
Years	25	26	27	28	29
Labor Hours	.003688	.003719	.004212	.003852	.003925
Material Cost	.030581	.112396	.128380	.129217	.131530
Equipment Hours	.003671	.003333	.003751	.003405	.003450
Years	33	34	35	36	37
Labor Hours	.004028	.003815	.003848	.003979	.004091
Material Cost	.135772	.134401	.119639	.042365	.040138
Equipment Hours	.003580	.003355	.003462	.003975	.004088
Years	41	42	43	44	45
Labor Hours	.003529	.003341	.003420	.003200	.003497
Material Cost	.029919	.028913	.029525	.030592	.030409
Equipment Hours	.003522	.003334	.003412	.003179	.003489
Years	49	50	51	52	53
Labor Hours	.002579	.002222	.003778	.003398	.003486
Material Cost	.031033	.028444	.042805	.039776	.041056
Equipment Hours	.002570	.002217	.003775	.003395	.003483
Years	57	58	59	60	61
Labor Hours	.005541	.004918	.005023	.004534	.003335
Material Cost	.143247	.138304	.140944	.107002	.105251
Equipment Hours	.005081	.004470	.004549	.004221	.002943
Years	65	66	67	68	69
Labor Hours	.003716	.002827	.003008	.002597	.003333
Material Cost	.108259	.029522	.030131	.029915	.032846
Equipment Hours	.003329	.002819	.003001	.002591	.003307
Years	73	74	75	76	77
Labor Hours	.003740	.003341	.003661	.003296	.003495
Material Cost	.042450	.041435	.041615	.039469	.040274
Equipment Hours	.003735	.003317	.003657	.003293	.003490
Years	81	82	83	84	85
Labor Hours	.003740	.003341	.003661	.003296	.003495
Material Cost	.042450	.041435	.041615	.039469	.040274
Equipment Hours	.003735	.003317	.003657	.003293	.003490
Years	89	90	91	92	93
Labor Hours	.003740	.003341	.003661	.003296	.003495
Material Cost	.042450	.041435	.041615	.039469	.040274
Equipment Hours	.003735	.003317	.003657	.003293	.003490
Years	97	98	99	100	101
Labor Hours	.003740	.003341	.003661	.003296	.003495
Material Cost	.042450	.041435	.041615	.039469	.040274
Equipment Hours	.003735	.003317	.003657	.003293	.003490

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 UM = Unit of Measure ID
 TD = Trade ID

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FAMILY HOUSING UPTO 1950

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	2	2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000000	.000252	.000252	.000252	.000252	.000383	.000389	.000388
Material Cost	.000000	.000000	.000000	.000000	.000000	.000530	.000564	.000566
Equipment Hours	.000000	.000252	.000252	.000252	.000252	.000383	.000389	.000388
Years	9	10	11	12	13	14	15	16
Labor Hours	.000394	.000382	.000538	.000557	.000562	.000582	.000565	.000508
Material Cost	.000570	.000524	.000593	.000667	.0006950	.000604	.000627	.0006204
Equipment Hours	.000394	.000382	.000538	.000557	.000562	.000582	.000565	.000508
Years	17	18	19	20	21	22	23	24
Labor Hours	.000527	.000528	.000497	.000484	.000344	.000370	.000373	.000370
Material Cost	.006321	.006484	.006204	.006186	.000714	.000757	.000795	.000734
Equipment Hours	.000527	.000528	.000497	.000484	.000344	.000370	.000373	.000370
Years	25	26	27	28	29	30	31	32
Labor Hours	.000372	.000570	.000619	.000572	.000618	.000570	.000544	.000703
Material Cost	.000740	.006751	.007874	.007137	.007990	.004550	.004359	.009570
Equipment Hours	.000372	.000567	.000589	.000566	.000588	.000567	.000541	.000628
Years	33	34	35	36	37	38	39	40
Labor Hours	.000576	.000619	.000615	.000432	.000489	.000469	.000520	.000454
Material Cost	.006931	.007803	.008379	.007164	.002284	.007318	.002374	.001185
Equipment Hours	.000573	.000586	.000567	.000429	.000459	.000466	.000487	.000451
Years	41	42	43	44	45	46	47	48
Labor Hours	.000526	.000590	.000515	.000662	.000495	.000513	.000585	.000530
Material Cost	.006658	.007841	.006955	.009822	.006471	.006310	.007515	.006570
Equipment Hours	.000523	.000561	.000513	.000584	.000492	.000510	.000555	.000527
Years	49	50	51	52	53	54	55	56
Labor Hours	.000589	.000520	.000579	.000487	.000445	.000579	.000437	.000605
Material Cost	.007448	.006410	.004110	.002225	.001316	.004094	.001269	.007011
Equipment Hours	.000559	.000514	.000504	.000457	.000442	.000504	.000432	.000602
Years	57	58	59	60	61	62	63	64
Labor Hours	.000766	.000631	.000681	.000607	.000434	.000507	.000455	.000531
Material Cost	.010006	.007387	.008238	.006939	.005973	.007446	.006480	.007343
Equipment Hours	.000690	.000628	.000651	.000602	.000432	.000476	.000452	.000501
Years	65	66	67	68	69	70	71	72
Labor Hours	.000463	.000427	.000488	.000429	.000548	.000397	.000584	.000763
Material Cost	.006239	.001031	.002016	.000978	.003845	.000888	.007113	.009947
Equipment Hours	.000461	.000422	.000458	.000426	.000473	.000394	.000579	.000688
Years	73	74	75	76	77	78	79	80
Labor Hours	.000631	.000673	.000611	.000558	.000651	.000556	.000650	.000551
Material Cost	.007402	.008257	.006827	.004789	.008992	.007112	.008856	.006689
Equipment Hours	.000628	.000643	.000608	.000550	.000591	.000548	.000591	.000546

FAMILY HOUSING 1951-

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.009245	.023010	.026090	.029105	.030804	.031696	.033889	.036875		
Material Cost	.039023	.069964	.076821	.101799	.146321	.157563	.211317	.315057		
Equipment Hours	.008516	.021708	.024722	.027734	.029393	.030229	.031926	.034128		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.041397	.041156	.040698	.040935	.040895	.039663	.045192	.049893		
Material Cost	.397289	.378477	.415751	.426105	.409440	.423642	.478140	.471253		
Equipment Hours	.038400	.038360	.038185	.038304	.037837	.036207	.040907	.045224		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.047483	.045651	.050674	.052219	.049106	.046030	.048742	.050105		
Material Cost	.453501	.460193	.518501	.530721	.522187	.485405	.495467	.499655		
Equipment Hours	.043113	.040484	.044300	.046136	.043414	.041324	.045076	.046015		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.051792	.045302	.043566	.044132	.044663	.041982	.043626	.047322		
Material Cost	.519692	.504101	.436163	.482641	.516222	.477523	.584306	.671236		
Equipment Hours	.047549	.041477	.039793	.040267	.040755	.038199	.038741	.041523		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.047343	.044543	.047088	.050017	.050284	.051042	.056445	.055577		
Material Cost	.618611	.491634	.564647	.512532	.564165	.597973	.700308	.702912		
Equipment Hours	.041672	.040483	.042004	.045301	.044101	.044549	.049146	.047306		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.053297	.050948	.047287	.046193	.042749	.039917	.043027	.043795		
Material Cost	.666209	.572210	.420110	.392924	.351590	.321462	.410777	.490272		
Equipment Hours	.045312	.044481	.042503	.041762	.039433	.036875	.039429	.039600		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.046169	.046469	.050123	.050945	.048028	.044955	.053791	.059977		
Material Cost	.575504	.573600	.534999	.513423	.480756	.445872	.558388	.690037		
Equipment Hours	.041627	.041907	.046342	.046652	.043141	.040688	.048061	.052072		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.057829	.058263	.060356	.057326	.051031	.050214	.052052	.053493		
Material Cost	.651022	.666044	.685588	.663608	.570872	.578011	.546389	.531495		
Equipment Hours	.050502	.051101	.052576	.051092	.045107	.044700	.047870	.048848		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.057375	.049666	.049215	.046565	.051431	.048565	.050324	.055097		
Material Cost	.575637	.478561	.476467	.533029	.616178	.584780	.687081	.772897		
Equipment Hours	.052056	.045394	.044879	.042063	.046376	.043047	.043932	.046978		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.056830	.050989	.052042	.056675	.053684	.050263	.053425	.055124		
Material Cost	.711039	.605386	.576415	.545958	.571979	.555738	.601236	.640913		
Equipment Hours	.049212	.044423	.045288	.050103	.046698	.043516	.047147	.047382		

FAMILY HOUSING 1951-

Resources Per Square Foot

Task Description	UM ID	1	2	3	4	5	6	7	8
0300000 Roofing	2 17								
Years									
Labor Hours		.001458	.002513	.002643	.002652	.002728	.002837	.002518	.002450
Material Cost		.010407	.019522	.019556	.019997	.022611	.021860	.018690	.018690
Equipment Hours		.000729	.001256	.001322	.001326	.001364	.001419	.001260	.001225
Years									
Labor Hours		.002660	.002860	.002650	.002741	.003325	.003467	.003750	.003360
Material Cost		.019520	.022572	.021437	.021140	.039550	.043430	.044314	.035535
Equipment Hours		.001330	.001429	.001325	.001371	.001662	.001734	.001875	.001680
Years									
Labor Hours		.002589	.005285	.008387	.008990	.008000	.005662	.002560	.002704
Material Cost		.019486	.033159	.094911	.103750	.089948	.059168	.020070	.021018
Equipment Hours		.001295	.002643	.004194	.004495	.004000	.002831	.001280	.001352
Years									
Labor Hours		.003193	.003252	.004296	.004455	.003869	.003813	.002729	.002612
Material Cost		.025618	.027914	.040814	.043148	.037175	.035818	.020968	.020356
Equipment Hours		.001597	.001626	.002148	.002228	.001934	.001906	.001365	.001306
Years									
Labor Hours		.002717	.002638	.004365	.004718	.006577	.006553	.006767	.007157
Material Cost		.021081	.019738	.047351	.053017	.083314	.085148	.091761	.096990
Equipment Hours		.001359	.001319	.002183	.002359	.003289	.003276	.003384	.003379
Years									
Labor Hours		.007354	.006163	.005237	.005284	.002655	.002797	.002852	.002706
Material Cost		.106279	.086073	.067591	.067966	.021360	.021193	.021498	.021761
Equipment Hours		.003677	.003082	.002618	.002642	.001327	.001399	.001426	.001353
Years									
Labor Hours		.002784	.002933	.002833	.003223	.003252	.002999	.004756	.006340
Material Cost		.020390	.022169	.023894	.027016	.027905	.026464	.046103	.067063
Equipment Hours		.001392	.001466	.001417	.001611	.001626	.001499	.002378	.003170
Years									
Labor Hours		.006296	.006282	.007097	.006264	.006167	.005679	.002581	.002675
Material Cost		.048501	.067859	.078631	.068516	.066553	.060067	.019811	.025582
Equipment Hours		.003148	.003141	.003549	.003132	.003084	.002840	.001290	.001358
Years									
Labor Hours		.003157	.003156	.003061	.002814	.003172	.003398	.003415	.004703
Material Cost		.033182	.029250	.032400	.027309	.038226	.037997	.036725	.063107
Equipment Hours		.001578	.001578	.001530	.001407	.001586	.001699	.001708	.002352
Years									
Labor Hours		.004433	.004212	.004623	.004642	.007155	.006982	.006028	.006035
Material Cost		.054068	.049669	.050348	.054863	.095466	.089080	.074635	.073814
Equipment Hours		.002217	.002106	.002312	.002321	.003578	.003491	.003014	.003017

FAMILY HOUSING 1951-

Resources Per Square Foot

Task Description	UM	TD
0400000 Exterior Closure	2	1
Years	1	2
Labor Hours	.000180	.000301
Material Cost	.001087	.001784
Equipment Hours	.000180	.000301
Years	9	10
Labor Hours	.006094	.005363
Material Cost	.033797	.036162
Equipment Hours	.006094	.005363
Years	17	18
Labor Hours	.005983	.005881
Material Cost	.028207	.030011
Equipment Hours	.005953	.005852
Years	25	26
Labor Hours	.007523	.005932
Material Cost	.044814	.033672
Equipment Hours	.007522	.005931
Years	33	34
Labor Hours	.006419	.007104
Material Cost	.054203	.037780
Equipment Hours	.006348	.006914
Years	41	42
Labor Hours	.007758	.006942
Material Cost	.041937	.046115
Equipment Hours	.007628	.006757
Years	49	50
Labor Hours	.005539	.004515
Material Cost	.033233	.028634
Equipment Hours	.005495	.004472
Years	57	58
Labor Hours	.006943	.006995
Material Cost	.045946	.045910
Equipment Hours	.006919	.006926
Years	65	66
Labor Hours	.007789	.007504
Material Cost	.063868	.090860
Equipment Hours	.007748	.007420
Years	73	74
Labor Hours	.008887	.008052
Material Cost	.111541	.109811
Equipment Hours	.008676	.007835
Years	81	82
Labor Hours	.005269	.005269
Material Cost	.016495	.016495
Equipment Hours	.005269	.005269
Years	15	16
Labor Hours	.007069	.006959
Material Cost	.046230	.032157
Equipment Hours	.007040	.006929
Years	23	24
Labor Hours	.007489	.007030
Material Cost	.035445	.043180
Equipment Hours	.007488	.007029
Years	31	32
Labor Hours	.004472	.005924
Material Cost	.038060	.040527
Equipment Hours	.004400	.005856
Years	39	40
Labor Hours	.007383	.006922
Material Cost	.046794	.046925
Equipment Hours	.007224	.006753
Years	47	48
Labor Hours	.006967	.006172
Material Cost	.044884	.041792
Equipment Hours	.006937	.006123
Years	55	56
Labor Hours	.006127	.006282
Material Cost	.043311	.043073
Equipment Hours	.006089	.006257
Years	63	64
Labor Hours	.005795	.007250
Material Cost	.053487	.061683
Equipment Hours	.005743	.007191
Years	71	72
Labor Hours	.008321	.007362
Material Cost	.110577	.110852
Equipment Hours	.008121	.007193
Years	79	80
Labor Hours	.008950	.008251
Material Cost	.106343	.095327
Equipment Hours	.008733	.008190

FAMILY HOUSING 1951-

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000003	.000005	.000013	.001529	.001956	.000657	.000710	.002231		
Material Cost	.000017	.000032	.000061	.006351	.038629	.033692	.035230	.044144		
Equipment Hours	.000003	.000005	.000013	.001529	.001956	.000657	.000702	.002217		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.002337	.008839	.008878	.002318	.002507	.001104	.001154	.002518		
Material Cost	.053740	.048551	.053552	.058974	.060721	.055904	.057501	.054505		
Equipment Hours	.002325	.008832	.008878	.002318	.002493	.001060	.001100	.002462		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.002479	.000733	.000669	.002436	.002656	.001249	.001359	.002572		
Material Cost	.053151	.043129	.036654	.052395	.058420	.052717	.057165	.059975		
Equipment Hours	.002419	.000692	.000622	.002389	.002614	.001201	.001306	.002542		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.003067	.001742	.001914	.003281	.003296	.001780	.001922	.002006		
Material Cost	.088965	.081870	.073821	.079581	.078270	.069487	.080827	.085148		
Equipment Hours	.002995	.001674	.001835	.003222	.003226	.001710	.001706	.001856		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.001582	.002424	.002803	.002141	.002244	.002702	.002640	.001807		
Material Cost	.056065	.057528	.087425	.083844	.084807	.077069	.082870	.080481		
Equipment Hours	.001440	.002270	.002674	.002025	.002093	.002569	.002495	.001656		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.001394	.002342	.002046	.001473	.001807	.002192	.002061	.001592		
Material Cost	.053940	.051974	.050309	.049540	.059158	.058065	.053311	.053929		
Equipment Hours	.001310	.002171	.002009	.001433	.001779	.002155	.002015	.001550		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.001780	.002448	.002078	.001460	.001325	.002124	.002732	.002092		
Material Cost	.062926	.062989	.058767	.056267	.058407	.058031	.085756	.079446		
Equipment Hours	.001714	.002361	.002030	.001402	.001264	.001962	.002619	.001961		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.002107	.002659	.002724	.001863	.001732	.001563	.001195	.002636		
Material Cost	.084094	.082117	.080798	.084688	.077407	.075954	.053289	.055161		
Equipment Hours	.001983	.002546	.002599	.001789	.001676	.001489	.001131	.002555		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.003203	.001520	.001337	.002842	.003442	.001848	.001663	.003064		
Material Cost	.080641	.074680	.070029	.077495	.084050	.075017	.075017	.079785		
Equipment Hours	.003024	.001450	.001256	.002741	.003319	.001752	.001519	.002914		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.003050	.001444	.001354	.003019	.003076	.001382	.001104	.002292		
Material Cost	.080361	.074557	.071157	.075733	.074737	.059890	.056633	.064234		
Equipment Hours	.002911	.001300	.001221	.002882	.002920	.001278	.000994	.002180		

FAMILY HOUSING 1951-

Resources Per Square Foot

Task Description	UM	TD								
0600000 Interior Finishes	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.006212	.010563	.010558	.010757	.010750	.010726	.012087	.013492		
Material Cost	.026965	.045819	.045793	.048855	.048712	.047455	.089822	.131818		
Equipment Hours	.006212	.010563	.010558	.010757	.010750	.010726	.011439	.012197		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.014344	.015425	.014127	.013780	.014337	.014866	.016058	.017404		
Material Cost	.133423	.100540	.059208	.058547	.084406	.118052	.165417	.194361		
Equipment Hours	.013100	.014822	.014127	.013780	.013997	.014110	.014598	.015403		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.017867	.016186	.016012	.015652	.015590	.016854	.018374	.018589		
Material Cost	.196586	.147482	.128143	.117132	.115744	.124745	.162466	.169271		
Equipment Hours	.015857	.014800	.015108	.014886	.014854	.016042	.016995	.017012		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.018076	.015283	.013574	.012528	.012946	.013042	.015369	.017616		
Material Cost	.141126	.107021	.063229	.059843	.059397	.059479	.143739	.224276		
Equipment Hours	.016832	.014672	.013574	.012528	.012946	.013024	.014037	.015193		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.016917	.016028	.017232	.017711	.017964	.018364	.018556	.019510		
Material Cost	.233605	.169226	.161607	.132252	.157782	.150590	.177612	.223357		
Equipment Hours	.014419	.014527	.015806	.016748	.016617	.017014	.016927	.016969		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.018168	.016655	.014206	.013808	.014729	.013033	.014120	.016848		
Material Cost	.217999	.138779	.071170	.067996	.085086	.079824	.109265	.158749		
Equipment Hours	.015808	.015508	.013693	.013589	.014168	.012641	.013242	.015014		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.017623	.018073	.020466	.021197	.018718	.017970	.021658	.022141		
Material Cost	.186600	.184004	.160107	.152458	.156494	.142828	.211223	.231154		
Equipment Hours	.015764	.016357	.019085	.019886	.017255	.016710	.019423	.019457		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.021010	.021601	.020702	.019528	.019326	.020427	.023124	.021509		
Material Cost	.215693	.203824	.152550	.117416	.075241	.078836	.125141	.159812		
Equipment Hours	.018769	.019600	.019340	.018781	.018688	.020001	.021918	.019703		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.022431	.018109	.018229	.016262	.020489	.017485	.017682	.020243		
Material Cost	.160102	.114448	.103308	.127443	.146537	.132087	.187615	.242746		
Equipment Hours	.020650	.016802	.017240	.014894	.019008	.016112	.015227	.017023		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.019826	.018597	.018402	.019087	.017630	.017680	.017835	.018668		
Material Cost	.240928	.183410	.166009	.145159	.144093	.112321	.118750	.158442		
Equipment Hours	.016498	.016262	.016188	.016996	.015908	.015920	.016497	.016181		

FAMILY HOUSING 1951-

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000310	.002959	.005403	.005309	.005708	.006465	.005154	.006009
Material Cost	.000150	.000751	.005722	.014228	.008447	.006991	.022298	.067618
Equipment Hours	.000310	.002959	.005403	.005309	.005708	.006465	.005154	.005845
Years	9	10	11	12	13	14	15	16
Labor Hours	.007431	.007599	.006945	.006595	.007226	.005733	.006314	.008330
Material Cost	.123342	.116776	.140575	.141926	.086858	.058010	.071831	.053224
Equipment Hours	.007068	.007235	.006380	.006026	.006868	.005524	.006114	.008110
Years	17	18	19	20	21	22	23	24
Labor Hours	.007319	.006507	.007271	.007621	.006846	.006734	.008157	.007613
Material Cost	.051212	.081365	.120176	.121686	.120342	.115510	.118129	.089699
Equipment Hours	.007055	.006122	.006668	.007020	.006149	.005919	.007381	.006953
Years	25	26	27	28	29	30	31	32
Labor Hours	.007651	.007225	.006377	.006377	.008857	.008878	.007862	.007874
Material Cost	.080658	.063933	.062993	.069491	.134157	.123097	.145841	.145172
Equipment Hours	.007105	.006813	.005763	.005903	.008024	.008107	.007011	.007015
Years	33	34	35	36	37	38	39	40
Labor Hours	.008336	.006202	.006549	.007904	.007173	.007121	.008315	.007509
Material Cost	.090258	.052648	.078200	.097327	.093932	.130261	.174947	.133803
Equipment Hours	.007678	.005687	.005812	.007014	.006208	.006071	.007042	.006414
Years	41	42	43	44	45	46	47	48
Labor Hours	.006520	.006976	.007934	.007418	.007193	.007903	.007061	.007237
Material Cost	.131244	.132555	.090377	.064512	.051508	.035794	.088337	.126780
Equipment Hours	.005491	.005810	.007091	.006664	.006580	.007437	.006541	.006520
Years	49	50	51	52	53	54	55	56
Labor Hours	.009048	.008970	.007087	.007278	.008683	.006457	.006229	.008773
Material Cost	.179152	.171346	.141356	.106269	.057751	.028415	.040026	.056585
Equipment Hours	.008086	.007947	.006417	.006481	.007783	.006004	.006027	.008264
Years	57	58	59	60	61	62	63	64
Labor Hours	.007585	.006912	.009173	.008447	.006783	.007377	.008193	.008447
Material Cost	.058028	.082383	.154920	.150772	.146079	.156224	.127012	.071222
Equipment Hours	.006917	.006334	.007746	.007305	.005925	.005981	.007270	.007606
Years	65	66	67	68	69	70	71	72
Labor Hours	.009219	.008533	.007124	.006814	.007533	.008710	.007305	.007636
Material Cost	.068118	.052603	.045014	.073957	.120782	.116550	.177036	.173749
Equipment Hours	.008266	.007942	.006436	.006126	.006692	.007456	.006214	.006378
Years	73	74	75	76	77	78	79	80
Labor Hours	.008732	.007081	.007302	.009510	.007736	.007179	.008435	.008097
Material Cost	.127367	.092592	.079971	.058300	.055151	.088482	.143340	.131856
Equipment Hours	.007827	.006158	.006327	.008227	.006944	.006332	.007197	.006814

FAMILY HOUSING 1951-
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001036	.006309	.006332	.006337	.006427	.006565	.006572	.006572
Material Cost	.000397	.002052	.002053	.002308	.008379	.023236	.022609	.023588
Equipment Hours	.001036	.006263	.006286	.006291	.006380	.006516	.006524	.006524
Years	9	10	11	12	13	14	15	16
Labor Hours	.006587	.007340	.008097	.008221	.008252	.008177	.008004	.008244
Material Cost	.022339	.044691	.075632	.085027	.085124	.083522	.065161	.073042
Equipment Hours	.006539	.006948	.007473	.007530	.007577	.007495	.007339	.007565
Years	17	18	19	20	21	22	23	24
Labor Hours	.008054	.007965	.007907	.007185	.007291	.007145	.007135	.007621
Material Cost	.075236	.075083	.076316	.073285	.084695	.079634	.075317	.087599
Equipment Hours	.007358	.007304	.007302	.007017	.007091	.006962	.006967	.007166
Years	25	26	27	28	29	30	31	32
Labor Hours	.008230	.008263	.008067	.008313	.008221	.007972	.008059	.008154
Material Cost	.107488	.100602	.090847	.104590	.086637	.074808	.074020	.068890
Equipment Hours	.007462	.007437	.007353	.007501	.007419	.007229	.007230	.007402
Years	33	34	35	36	37	38	39	40
Labor Hours	.007807	.006972	.006978	.007059	.007114	.007590	.008061	.008087
Material Cost	.066035	.054360	.055745	.068120	.066998	.080541	.085978	.083204
Equipment Hours	.007147	.006804	.006804	.006867	.006890	.007100	.007356	.007373
Years	41	42	43	44	45	46	47	48
Labor Hours	.008092	.007979	.007758	.007769	.007790	.007664	.007775	.007009
Material Cost	.083110	.085142	.067161	.072895	.069206	.061939	.064392	.057002
Equipment Hours	.007396	.007272	.007055	.007040	.007059	.006961	.007106	.006838
Years	49	50	51	52	53	54	55	56
Labor Hours	.007068	.007444	.007196	.007807	.008377	.008501	.008486	.009049
Material Cost	.063807	.076456	.072421	.092291	.103576	.109596	.091080	.106379
Equipment Hours	.006870	.007230	.006990	.007310	.007600	.007661	.007755	.007946
Years	57	58	59	60	61	62	63	64
Labor Hours	.008445	.008492	.008643	.008319	.008525	.007629	.007397	.007677
Material Cost	.086557	.080103	.083207	.097923	.091809	.084954	.083563	.085569
Equipment Hours	.007563	.007535	.007605	.007472	.007525	.007154	.007024	.007180
Years	65	66	67	68	69	70	71	72
Labor Hours	.007832	.008013	.008756	.008659	.008677	.008612	.008051	.008371
Material Cost	.084839	.089311	.098446	.102406	.092828	.085795	.057515	.059728
Equipment Hours	.007329	.007399	.007817	.007831	.007734	.007625	.007281	.007418
Years	73	74	75	76	77	78	79	80
Labor Hours	.008037	.008038	.008470	.007775	.007626	.007212	.007117	.008018
Material Cost	.053765	.054082	.057579	.066313	.066082	.069016	.060385	.077176
Equipment Hours	.007241	.007221	.007572	.007216	.007152	.066883	.006785	.007270

FAMILY HOUSING 1951-

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
110000 Interior Electrical	UM TD	2	2					
Years	1	2	3	4	5	6	7	8
Labor Hours	.00036	.000238	.000588	.000519	.000647	.001334	.001389	.001258
Material Cost	.00000	.000002	.001811	.002002	.002037	.005962	.005893	.007055
Equipment Hours	.000036	.000238	.000588	.000519	.000647	.001334	.001389	.001258
Years	9	10	11	12	13	14	15	16
Labor Hours	.001756	.001539	.002536	.002459	.002594	.002296	.002555	.002813
Material Cost	.008846	.008853	.023896	.024204	.025667	.023747	.024432	.025340
Equipment Hours	.001756	.001539	.002536	.002459	.002594	.002296	.002555	.002813
Years	17	18	19	20	21	22	23	24
Labor Hours	.002926	.002835	.002846	.002658	.003532	.003316	.003493	.003800
Material Cost	.026465	.026944	.024562	.023819	.025209	.025024	.026450	.029202
Equipment Hours	.002911	.002812	.002840	.002653	.003516	.003300	.003484	.003783
Years	25	26	27	28	29	30	31	32
Labor Hours	.003864	.003302	.003385	.003351	.003327	.003201	.002923	.002845
Material Cost	.030404	.085849	.072804	.088178	.080811	.079753	.077503	.083591
Equipment Hours	.003851	.003021	.003167	.003067	.003070	.002955	.002701	.002605
Years	33	34	35	36	37	38	39	40
Labor Hours	.003276	.002890	.003169	.004200	.004222	.004002	.004474	.004324
Material Cost	.094037	.077209	.090174	.038963	.037790	.037717	.039452	.039102
Equipment Hours	.002993	.002679	.002879	.004187	.004213	.003987	.004467	.004302
Years	41	42	43	44	45	46	47	48
Labor Hours	.003758	.003640	.003787	.003601	.003842	.001795	.001927	.001972
Material Cost	.028333	.028355	.030000	.029687	.029921	.025145	.025958	.027269
Equipment Hours	.003748	.003630	.003776	.003587	.003825	.001780	.001898	.001945
Years	49	50	51	52	53	54	55	56
Labor Hours	.002070	.001832	.003457	.003128	.003349	.003447	.003546	.004984
Material Cost	.026468	.025110	.037741	.036197	.039806	.040838	.039844	.097886
Equipment Hours	.002049	.001818	.003420	.003116	.003311	.003419	.003516	.004703
Years	57	58	59	60	61	62	63	64
Labor Hours	.005124	.005014	.004882	.004795	.003214	.003091	.003552	.003277
Material Cost	.088673	.100398	.088323	.089434	.049089	.072380	.081239	.069578
Equipment Hours	.004885	.004709	.004636	.004542	.002979	.002840	.003277	.003055
Years	65	66	67	68	69	70	71	72
Labor Hours	.003528	.002615	.002613	.002510	.003002	.002793	.003572	.003399
Material Cost	.082037	.026924	.026295	.027964	.030215	.029063	.039115	.039419
Equipment Hours	.003244	.002587	.002599	.002486	.002984	.002765	.003546	.003382
Years	73	74	75	76	77	78	79	80
Labor Hours	.003552	.003248	.003497	.003542	.003661	.003659	.003674	.003483
Material Cost	.039528	.037706	.038469	.037079	.038883	.039234	.038003	.036775
Equipment Hours	.003531	.003223	.003468	.003522	.003627	.003615	.003643	.003449

FAMILY HOUSING 1951-

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	UM ID	2	2					
Years								
Labor Hours	.00012	.000121	.000121	.000121	.000122	.000189	.000189	.000190
Material Cost	.000000	.000000	.000000	.000000	.000002	.000279	.000280	.000283
Equipment Hours	.000012	.000121	.000121	.000121	.000122	.000189	.000189	.000190
Years								
Labor Hours	.000188	.000192	.000292	.000292	.000292	.000294	.000288	.000263
Material Cost	.000281	.000331	.000302	.000295	.000395	.000300	.000276	.000308
Equipment Hours	.000188	.000192	.000292	.000292	.000292	.000294	.000288	.000263
Years								
Labor Hours	.000265	.000259	.000266	.000255	.000177	.000176	.000175	.000176
Material Cost	.003178	.003020	.003160	.002897	.000432	.000435	.000421	.000442
Equipment Hours	.000265	.000259	.000266	.000255	.000177	.000176	.000175	.000176
Years								
Labor Hours	.000186	.000302	.000296	.000288	.000292	.000288	.000290	.000290
Material Cost	.000620	.003240	.003480	.003245	.003320	.003247	.003348	.003275
Equipment Hours	.000186	.000302	.000296	.000288	.000292	.000288	.000290	.000290
Years								
Labor Hours	.000288	.000284	.000282	.000242	.000242	.000239	.000251	.000260
Material Cost	.003325	.003143	.003098	.000716	.000696	.000675	.000894	.000850
Equipment Hours	.000288	.000284	.000282	.000242	.000242	.000239	.000251	.000260
Years								
Labor Hours	.000255	.000251	.000250	.000251	.000250	.000264	.000265	.000258
Material Cost	.003366	.003217	.003231	.003245	.003219	.003129	.003132	.002989
Equipment Hours	.000255	.000251	.000250	.000251	.000250	.000264	.000265	.000258
Years								
Labor Hours	.000257	.000257	.000242	.000243	.000249	.000263	.000255	.000316
Material Cost	.002930	.002893	.000699	.000708	.000863	.000854	.001045	.003451
Equipment Hours	.000257	.000257	.000242	.000243	.000249	.000263	.000255	.000316
Years								
Labor Hours	.000318	.000310	.000316	.000313	.000224	.000217	.000216	.000220
Material Cost	.003530	.003450	.003535	.003504	.003056	.002875	.002848	.002889
Equipment Hours	.000318	.000310	.000316	.000313	.000224	.000217	.000216	.000220
Years								
Labor Hours	.000217	.000216	.000224	.000236	.000229	.000224	.000317	.000317
Material Cost	.002830	.000487	.000686	.000641	.000836	.000642	.003482	.003512
Equipment Hours	.000217	.000216	.000224	.000236	.000229	.000224	.000317	.000317
Years								
Labor Hours	.000313	.000317	.000315	.000287	.000282	.000277	.000283	.000280
Material Cost	.003483	.003558	.003488	.003221	.003137	.003086	.003146	.003089
Equipment Hours	.000313	.000317	.000315	.000287	.000282	.000277	.000283	.000280

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 UM = Unit of Measure ID
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FAMILY HOUSING- CAPEHART

Resources Per Square Foot

Task Description	UM	TD								
0000000 Total Summary	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.018170	.031672	.035447	.041848	.044282	.049599	.043320	.045887		
Material Cost	.059482	.099554	.107541	.148579	.243580	.259937	.252703	.321264		
Equipment Hours	.016716	.029406	.032979	.039410	.041978	.042427	.040938	.043412		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.050821	.054185	.053809	.056427	.058801	.059810	.064569	.065633		
Material Cost	.418342	.521121	.653833	.673458	.697444	.719244	.722636	.829347		
Equipment Hours	.047946	.050401	.049736	.051379	.051709	.052499	.057130	.059177		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.057081	.058998	.064305	.068105	.066280	.060663	.062610	.063067		
Material Cost	.538486	.598519	.663462	.703828	.651869	.601317	.597577	.635111		
Equipment Hours	.051948	.051966	.056691	.060653	.058725	.054710	.057654	.058599		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.064703	.062734	.064897	.067568	.067074	.064384	.058276	.059769		
Material Cost	.722719	.815469	.854361	.868503	.896384	.870726	.815552	.782456		
Equipment Hours	.058891	.055447	.055001	.057804	.058187	.055617	.050250	.051917		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.061132	.065330	.065654	.065591	.069667	.069386	.072032	.070054		
Material Cost	.770472	.797591	.792161	.726777	.765281	.768481	.855142	.812850		
Equipment Hours	.053637	.058079	.057839	.057422	.060813	.060177	.061838	.060127		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.067931	.065282	.063727	.062584	.056200	.055924	.059263	.060545		
Material Cost	.826522	.767322	.694568	.686188	.622126	.624762	.682710	.723076		
Equipment Hours	.057851	.056664	.056160	.055229	.050435	.050071	.052550	.054083		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.063039	.061980	.064817	.070709	.069927	.069867	.076119	.078217		
Material Cost	.731499	.729469	.689536	.745151	.791317	.778731	.879496	.969493		
Equipment Hours	.056046	.054796	.059312	.061438	.060412	.060438	.064745	.066453		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.077277	.074726	.072159	.071488	.062797	.064569	.060711	.067112		
Material Cost	1.000460	.971613	.944727	.867962	.770020	.814591	.757983	.791711		
Equipment Hours	.065207	.063583	.062801	.063504	.056982	.058614	.055376	.061109		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.071065	.064962	.063781	.064184	.066241	.064915	.064444	.071273		
Material Cost	.863657	.771421	.767009	.795891	.835071	.813851	.925096	.964708		
Equipment Hours	.063648	.057605	.058190	.056328	.057931	.056729	.058952	.061614		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.072829	.068520	.068268	.071959	.073023	.070006	.071274	.073008		
Material Cost	.913837	.883758	.898003	.879446	.894963	.888136	.913978	.891723		
Equipment Hours	.063867	.059738	.059400	.063673	.063441	.059499	.061330	.063208		

FAMILY HOUSING- CAPEHART

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0300000 Roofing		2 17								
Years	1									
Labor Hours	.002909	.004531	.004935	.004875	.004585	.005013	.004712	.004456		
Material Cost	.016683	.031513	.031423	.031961	.033210	.032505	.029814	.029676		
Equipment Hours	.001455	.002266	.002468	.002438	.002293	.002507	.002356	.002228		
Years	9									
Labor Hours	.004960	.004959	.004549	.006088	.008765	.008830	.009213	.007284		
Material Cost	.030556	.032462	.031380	.063664	.139004	.142595	.141946	.096577		
Equipment Hours	.002480	.002480	.002275	.003044	.004383	.004416	.004607	.003642		
Years	17									
Labor Hours	.004685	.007910	.009571	.009600	.009177	.006136	.004630	.004801		
Material Cost	.030762	.067581	.091244	.092472	.085936	.046327	.031042	.032878		
Equipment Hours	.002343	.003956	.004786	.004801	.004589	.003069	.002316	.002401		
Years	25									
Labor Hours	.006623	.008961	.013788	.013638	.011425	.009504	.005215	.005172		
Material Cost	.052486	.085880	.144724	.143712	.116789	.090999	.033957	.033215		
Equipment Hours	.003312	.004481	.006894	.006819	.005713	.004752	.002608	.002586		
Years	33									
Labor Hours	.004844	.004894	.006215	.007003	.007560	.008182	.009395	.009498		
Material Cost	.032599	.032490	.052138	.070033	.077439	.089524	.128585	.130715		
Equipment Hours	.002422	.002448	.003108	.003502	.003780	.004091	.004698	.004749		
Years	41									
Labor Hours	.011679	.009438	.008029	.007837	.004891	.005295	.005585	.005030		
Material Cost	.184328	.138009	.104180	.096925	.034013	.033621	.035785	.035896		
Equipment Hours	.005840	.004720	.004015	.003919	.002446	.002648	.002792	.002515		
Years	49									
Labor Hours	.005415	.005260	.006077	.009155	.009074	.008680	.011922	.011311		
Material Cost	.035553	.033982	.049916	.086039	.087562	.086736	.118714	.109401		
Equipment Hours	.002707	.002630	.003039	.004378	.004337	.004340	.005961	.005656		
Years	57									
Labor Hours	.012872	.012844	.009147	.007223	.005439	.005631	.004800	.005001		
Material Cost	.135761	.135168	.083613	.062331	.040976	.041327	.032542	.041300		
Equipment Hours	.004436	.004423	.004574	.003612	.002720	.002816	.002401	.002501		
Years	65									
Labor Hours	.006669	.006845	.006793	.006239	.007091	.006887	.007216	.007899		
Material Cost	.079274	.086341	.084456	.065293	.090862	.087011	.089581	.098948		
Equipment Hours	.003335	.003423	.003397	.003120	.003546	.003444	.003608	.003950		
Years	73									
Labor Hours	.006144	.006999	.007622	.007539	.009570	.012175	.011306	.011083		
Material Cost	.053323	.069355	.071527	.073376	.101082	.133702	.127462	.122365		
Equipment Hours	.003073	.003499	.003811	.003770	.004785	.006088	.005654	.005542		

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FAMILY HOUSING- CAPEHART

Resources Per Square Foot

Task Description	UM	TD
0400000 Exterior Closure	2	1
Years	1	3
Labor Hours	.000397	.000926
Material Cost	.001991	.003643
Equipment Hours	.000397	.000926
Years	9	11
Labor Hours	.006787	.006250
Material Cost	.049932	.056561
Equipment Hours	.006787	.006250
Years	17	19
Labor Hours	.005253	.007374
Material Cost	.038081	.045420
Equipment Hours	.005252	.007374
Years	25	27
Labor Hours	.007982	.004887
Material Cost	.089337	.040567
Equipment Hours	.007965	.004872
Years	33	35
Labor Hours	.007025	.007945
Material Cost	.085038	.087830
Equipment Hours	.007025	.007945
Years	41	43
Labor Hours	.007332	.007107
Material Cost	.063602	.075792
Equipment Hours	.007243	.007022
Years	49	51
Labor Hours	.007310	.007638
Material Cost	.078328	.072348
Equipment Hours	.007280	.007598
Years	57	59
Labor Hours	.007861	.008817
Material Cost	.072625	.077673
Equipment Hours	.007723	.006686
Years	65	67
Labor Hours	.010377	.010585
Material Cost	.159547	.173121
Equipment Hours	.010216	.010450
Years	73	75
Labor Hours	.010086	.008902
Material Cost	.197963	.177242
Equipment Hours	.009936	.008764
Years	8	16
Labor Hours	.005272	.008700
Material Cost	.022533	.088723
Equipment Hours	.005272	.008700
Years	15	23
Labor Hours	.006409	.007548
Material Cost	.070582	.074581
Equipment Hours	.006408	.007532
Years	22	30
Labor Hours	.005336	.005870
Material Cost	.062781	.060837
Equipment Hours	.005320	.005854
Years	31	39
Labor Hours	.004315	.007718
Material Cost	.052879	.068451
Equipment Hours	.004314	.007640
Years	38	46
Labor Hours	.005894	.006748
Material Cost	.067899	.083127
Equipment Hours	.005816	.006718
Years	45	53
Labor Hours	.004703	.006761
Material Cost	.060339	.083144
Equipment Hours	.004614	.006708
Years	52	60
Labor Hours	.007952	.008832
Material Cost	.079675	.078697
Equipment Hours	.007917	.008696
Years	60	68
Labor Hours	.007752	.010585
Material Cost	.174778	.173121
Equipment Hours	.007613	.010450
Years	69	77
Labor Hours	.007731	.008881
Material Cost	.175402	.175222
Equipment Hours	.007621	.008603
Years	76	80
Labor Hours	.010411	.008386
Material Cost	.183113	.175839
Equipment Hours	.010176	.008168
Years	79	87
Labor Hours	.009329	.008386
Material Cost	.183834	.175839
Equipment Hours	.009134	.008168

FAMILY HOUSING- CAPEHART

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000001	.000003	.000131	.002605	.003250	.001432	.001732	.004008		
Material Cost	.000010	.000019	.000443	.013829	.072690	.067225	.068032	.078421		
Equipment Hours	.000001	.000003	.000131	.002605	.003250	.001432	.001732	.004008		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.003780	.001592	.001796	.003843	.003757	.001767	.002382	.004145		
Material Cost	.093009	.084914	.100574	.103573	.105136	.097497	.096971	.091449		
Equipment Hours	.003780	.001592	.001796	.003843	.003757	.001767	.002382	.004145		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.003389	.001043	.002046	.004305	.003142	.002352	.002922	.003843		
Material Cost	.091540	.076616	.083477	.104548	.091821	.088352	.095293	.114321		
Equipment Hours	.003369	.001023	.002026	.004285	.003122	.002332	.002907	.003807		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.003893	.003427	.004020	.004547	.004435	.002941	.002290	.002671		
Material Cost	.150262	.144030	.137153	.136697	.142771	.137244	.105690	.107603		
Equipment Hours	.003783	.003316	.003908	.004438	.004321	.002794	.002110	.002484		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.003229	.004270	.003965	.003542	.003968	.004153	.003476	.003048		
Material Cost	.090871	.112834	.134669	.127775	.126218	.115913	.124127	.122880		
Equipment Hours	.003043	.004083	.003779	.003356	.003782	.003965	.003291	.002865		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.003072	.003214	.002744	.002631	.003210	.002854	.002738	.003221		
Material Cost	.094520	.089391	.087860	.087908	.097761	.094711	.098674	.102624		
Equipment Hours	.002998	.003144	.002678	.002567	.003144	.002789	.002665	.003145		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.003379	.003015	.003519	.003611	.002662	.003092	.004832	.004043		
Material Cost	.102275	.099928	.099448	.116381	.122458	.119894	.150242	.137894		
Equipment Hours	.003297	.002929	.003496	.003557	.002604	.003033	.004701	.003914		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.003337	.004015	.004058	.002883	.003337	.003166	.001959	.003350		
Material Cost	.144308	.143598	.143256	.124258	.110518	.128179	.088780	.087079		
Equipment Hours	.003212	.003897	.003938	.002768	.003263	.003091	.001884	.003768		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.004922	.002998	.002050	.004086	.004881	.002628	.002187	.004412		
Material Cost	.117876	.110894	.108822	.121981	.130052	.116870	.132394	.140864		
Equipment Hours	.004835	.002911	.001956	.003964	.004761	.002506	.002076	.004301		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.004706	.002038	.001751	.004384	.004592	.002014	.001973	.004178		
Material Cost	.142019	.131211	.132429	.138058	.128079	.10328	.107591	.116810		
Equipment Hours	.004593	.001930	.001648	.004281	.004491	.001916	.001880	.004084		

FAMILY HOUSING- CAPEHART

Resources Per Square Foot

Task Description	UM	ID	1	2	3	4	5	6	7	8
0600000 Interior Finishes	UM	ID	1	2	3	4	5	6	7	8
Years										
Labor Hours			.007698	.012591	.012586	.012882	.012889	.012582	.012749	.012643
Material Cost			.034856	.056954	.057032	.06502	.06513	.059092	.058897	.056805
Equipment Hours			.007698	.012591	.012586	.012882	.012889	.012582	.012749	.012643
Years										
Labor Hours			.013594	.016154	.015911	.015958	.017695	.018418	.018702	.019025
Material Cost			.062699	.073558	.072041	.071360	.089975	.103831	.100858	.095438
Equipment Hours			.013594	.016154	.015911	.015958	.017695	.018418	.018702	.019025
Years										
Labor Hours			.019172	.019234	.019945	.020550	.020536	.021817	.020715	.019403
Material Cost			.093456	.095601	.098794	.100430	.103250	.104921	.100376	.084647
Equipment Hours			.017800	.017775	.018513	.019110	.019132	.020430	.019719	.019221
Years										
Labor Hours			.017475	.015310	.014896	.014143	.014423	.016613	.018740	.019477
Material Cost			.074046	.071941	.068849	.064735	.067888	.095622	.135489	.145902
Equipment Hours			.017475	.015304	.014890	.014137	.014401	.015749	.016463	.016926
Years										
Labor Hours			.01248	.020964	.02327	.022892	.023710	.022998	.023056	.022154
Material Cost			.143883	.157182	.152310	.148297	.15321	.147927	.149970	.141924
Equipment Hours			.016849	.018338	.019779	.020433	.021157	.020551	.020527	.019812
Years										
Labor Hours			.019540	.018957	.018378	.017487	.017002	.015606	.017642	.019216
Material Cost			.131534	.117261	.111135	.109213	.107844	.109175	.119310	.123450
Equipment Hours			.017955	.017681	.017252	.016434	.015960	.014458	.015881	.017134
Years										
Labor Hours			.020470	.021972	.022690	.023164	.022078	.022848	.023374	.023118
Material Cost			.139742	.153379	.15934	.157473	.15301	.153609	.151793	.148165
Equipment Hours			.018089	.019448	.02066	.020497	.019521	.020181	.019842	.020477
Years										
Labor Hours			.022961	.021248	.021761	.023139	.020137	.020979	.019170	.020859
Material Cost			.153155	.129658	.123289	.121422	.080378	.084453	.081393	.091512
Equipment Hours			.020640	.019775	.020335	.021940	.020040	.020850	.019069	.020059
Years										
Labor Hours			.020252	.017480	.018103	.018188	.018854	.019424	.021041	.021914
Material Cost			.089891	.081581	.092206	.109532	.119454	.120870	.150085	.152270
Equipment Hours			.019182	.016311	.016830	.016566	.017134	.017746	.018052	.019064
Years										
Labor Hours			.022480	.022408	.021358	.02071	.021813	.021391	.021193	.020610
Material Cost			.149197	.150011	.147523	.139933	.142133	.127260	.116430	.114022
Equipment Hours			.019538	.019866	.019341	.020172	.019815	.019756	.019686	.019104

FAMILY HOUSING- CAPEHART

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000874	.003561	.006326	.00442	.006960	.007988	.006486	.008437
Material Cost	.000066	.001422	.006964	.017823	.010722	.010266	.027320	.083705
Equipment Hours	.000874	.003561	.006326	.006442	.006960	.007988	.006486	.008215
Years	9	10	11	12	13	14	15	16
Labor Hours	.008942	.009768	.008838	.008975	.008312	.008207	.009228	.010643
Material Cost	.133382	.136021	.208152	.207094	.131650	.127499	.127499	.114009
Equipment Hours	.008572	.009334	.008126	.008266	.007877	.007867	.008925	.010380
Years	17	18	19	20	21	22	23	24
Labor Hours	.008162	.008976	.009300	.009860	.009538	.009601	.011120	.009353
Material Cost	.109237	.148989	.179503	.181304	.155782	.134325	.120647	.102647
Equipment Hours	.007894	.008473	.008690	.009101	.008474	.008595	.010092	.008527
Years	25	26	27	28	29	30	31	32
Labor Hours	.010553	.009731	.008992	.009920	.012405	.012236	.010776	.010007
Material Cost	.093695	.137135	.139001	.163943	.210670	.208126	.209052	.177125
Equipment Hours	.009640	.008791	.007882	.008852	.011168	.010971	.009564	.008888
Years	33	34	35	36	37	38	39	40
Labor Hours	.010332	.010142	.009182	.009319	.010421	.010550	.009880	.009712
Material Cost	.151452	.142731	.155058	.133032	.145355	.148304	.178665	.148824
Equipment Hours	.009197	.009047	.007919	.007982	.008967	.009166	.008375	.008362
Years	41	42	43	44	45	46	47	48
Labor Hours	.009145	.009192	.010759	.010524	.009520	.010934	.010227	.010692
Material Cost	.168182	.172707	.146525	.153766	.156108	.160759	.196336	.204464
Equipment Hours	.007872	.007947	.009689	.009533	.008561	.009890	.009079	.009466
Years	49	50	51	52	53	54	55	56
Labor Hours	.011015	.011316	.009741	.009579	.010941	.009021	.010204	.011263
Material Cost	.208810	.185478	.106102	.088406	.065246	.062650	.107612	.163886
Equipment Hours	.009762	.010198	.008730	.008679	.010122	.008326	.009219	.010077
Years	57	58	59	60	61	62	63	64
Labor Hours	.009769	.009326	.011702	.010794	.009945	.010875	.011030	.010961
Material Cost	.161236	.174177	.213854	.180182	.177565	.182132	.163052	.162997
Equipment Hours	.008657	.008125	.010295	.009491	.008722	.009426	.009696	.009751
Years	65	66	67	68	69	70	71	72
Labor Hours	.011476	.011168	.009970	.010333	.010049	.010443	.010241	.009638
Material Cost	.159985	.126004	.124856	.132702	.130047	.121392	.194845	.201976
Equipment Hours	.010165	.009835	.008707	.008990	.008670	.008995	.008782	.008130
Years	73	74	75	76	77	78	79	80
Labor Hours	.012077	.010176	.010889	.010341	.010831	.009813	.010489	.010165
Material Cost	.202494	.186803	.186371	.150557	.155230	.160307	.192593	.181998
Equipment Hours	.010492	.008821	.009433	.009074	.009478	.008517	.009038	.008932

FAMILY HOUSING- CAPEHART

Resources Per Square Foot

Task Description	UM	TD	2	9
0900000 HVAC				
Years	1	2	3	4
Labor Hours	.005749	.009306	.009308	.009332
Material Cost	.005876	.006268	.006270	.006302
Equipment Hours	.005749	.009305	.009306	.009331
Years	9	10	11	12
Labor Hours	.009635	.011374	.012004	.012021
Material Cost	.034185	.109979	.143293	.143131
Equipment Hours	.009609	.010502	.010917	.010926
Years	17	18	19	20
Labor Hours	.011763	.011714	.011170	.010590
Material Cost	.128560	.127450	.118906	.127864
Equipment Hours	.010685	.010663	.010462	.010203
Years	25	26	27	28
Labor Hours	.012047	.012406	.012006	.013240
Material Cost	.170011	.165420	.162705	.155565
Equipment Hours	.010874	.011230	.010843	.012075
Years	33	34	35	36
Labor Hours	.010853	.010267	.010287	.010607
Material Cost	.099917	.094113	.097939	.118647
Equipment Hours	.010097	.009867	.009890	.010053
Years	41	42	43	44
Labor Hours	.011732	.011649	.011504	.011458
Material Cost	.137933	.136020	.122666	.117838
Equipment Hours	.010561	.010491	.010350	.010297
Years	49	50	51	52
Labor Hours	.010583	.011298	.011289	.011679
Material Cost	.115678	.143606	.149154	.161128
Equipment Hours	.010140	.010591	.010525	.010726
Years	57	58	59	60
Labor Hours	.012201	.011949	.011843	.011667
Material Cost	.153044	.144048	.140352	.138905
Equipment Hours	.010896	.010785	.010752	.010669
Years	65	66	67	68
Labor Hours	.011971	.012032	.013438	.012417
Material Cost	.157070	.163350	.138349	.138701
Equipment Hours	.010886	.010901	.012110	.010988
Years	73	74	75	76
Labor Hours	.011307	.011275	.011865	.011271
Material Cost	.101878	.100164	.115495	.131250
Equipment Hours	.010322	.010296	.010663	.010383
Years	81	82	83	84
Labor Hours	.011255	.011582	.011341	.011271
Material Cost	.133907	.132636	.133110	.131250
Equipment Hours	.010334	.010519	.010420	.010383
Years	89	90	91	92
Labor Hours	.011255	.011582	.011341	.011271
Material Cost	.133907	.132636	.133110	.131250
Equipment Hours	.010334	.010519	.010420	.010383
Years	97	98	99	100
Labor Hours	.011255	.011582	.011341	.011271
Material Cost	.133907	.132636	.133110	.131250
Equipment Hours	.010334	.010519	.010420	.010383

FAMILY HOUSING- CAPEHART

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
1100000 Interior Electrical										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000308	.000600	.000820	.001101	.001340	.002112	.002146	.001962		
Material Cost	.000000	.000028	.001767	.002582	.003453	.010474	.010564	.011244		
Equipment Hours	.000308	.000600	.000820	.001101	.001340	.002112	.002146	.001962		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.002540	.002819	.003534	.003644	.003448	.003281	.003677	.003863		
Material Cost	.013456	.016531	.033784	.034305	.035016	.033669	.034461	.037496		
Equipment Hours	.002540	.002819	.003534	.003643	.003444	.003276	.003659	.003808		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.003821	.003888	.004064	.004293	.004293	.004061	.004217	.004769		
Material Cost	.037516	.036717	.036875	.034237	.031719	.032093	.033189	.036868		
Equipment Hours	.003768	.003844	.004005	.004250	.004246	.004010	.004175	.004713		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.005365	.005014	.005378	.004903	.005239	.004776	.004474	.004524		
Material Cost	.087307	.145035	.151238	.148678	.149127	.151849	.152981	.156464		
Equipment Hours	.005076	.004455	.004784	.004322	.004655	.004203	.003912	.003958		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.004720	.005081	.004982	.005688	.005702	.005490	.005861	.005477		
Material Cost	.157157	.143056	.106859	.054010	.054773	.039774	.050404	.046695		
Equipment Hours	.004126	.004585	.004668	.005637	.005649	.005432	.005816	.005425		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.004571	.004411	.004360	.004140	.004350	.002782	.003027	.003045		
Material Cost	.036426	.037054	.036551	.038725	.041449	.038101	.037561	.039414		
Equipment Hours	.004523	.004352	.004308	.004069	.004246	.002680	.002935	.002940		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.004146	.003685	.005182	.004889	.005481	.006002	.006028	.007186		
Material Cost	.045925	.045882	.055124	.054568	.102650	.106032	.107264	.164931		
Equipment Hours	.004050	.003597	.005075	.004805	.005149	.005660	.005678	.006579		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.007309	.006674	.005961	.006077	.004286	.004048	.004588	.004474		
Material Cost	.170025	.159286	.151867	.152421	.35839	.123009	.093894	.099440		
Equipment Hours	.006676	.006038	.005351	.005455	.003684	.003500	.004224	.004089		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.004734	.003867	.004035	.004100	.004763	.004423	.005003	.004856		
Material Cost	.094982	.039854	.039576	.046948	.050739	.049609	.057314	.056711		
Equipment Hours	.004367	.003766	.003934	.004018	.004642	.004345	.004898	.004751		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.005106	.004886	.004955	.005106	.005272	.004879	.005027	.005156		
Material Cost	.057161	.057529	.057537	.056115	.052289	.047145	.046897	.048575		
Equipment Hours	.004992	.004735	.004814	.004980	.005126	.004741	.004904	.005006		

FAMILY HOUSING CAPEHART

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
120000 Special Inter. Electr. System		2 2								
Years										
Labor Hours	.000235	.000416	.000416	.000416	.000416	.000416	.000431	.000583	.000585	.000584
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000100	.000920	.000933	.000933
Equipment Hours	.000235	.000416	.000416	.000416	.000416	.000416	.000431	.000583	.000585	.000584
Years										
Labor Hours	.000584	.000662	.000928	.000928	.000928	.000928	.000932	.000930	.000899	.000834
Material Cost	.000923	.002731	.010049	.010049	.010049	.010049	.010136	.010092	.009855	.009255
Equipment Hours	.000584	.000662	.000928	.000928	.000928	.000928	.000932	.000930	.000899	.000834
Years										
Labor Hours	.000836	.000828	.000834	.000834	.000834	.000708	.000561	.000560	.000561	.000560
Material Cost	.009334	.009089	.009342	.009342	.009342	.005963	.00116	.00110	.001108	.001106
Equipment Hours	.000836	.000828	.000834	.000834	.000834	.000708	.000561	.000560	.000561	.000560
Years										
Labor Hours	.000765	.001166	.000930	.000930	.000930	.000927	.000921	.000900	.000883	.000879
Material Cost	.005573	.010087	.010125	.010125	.010125	.010002	.010023	.009712	.009573	.009440
Equipment Hours	.000765	.001166	.000930	.000930	.000930	.000927	.000921	.000900	.000883	.000879
Years										
Labor Hours	.000880	.000782	.000752	.000752	.000752	.000679	.000682	.000682	.000825	.001050
Material Cost	.009558	.006315	.005359	.005359	.005359	.001491	.001508	.001495	.005827	.004028
Equipment Hours	.000880	.000782	.000752	.000752	.000752	.000679	.000682	.000682	.000825	.001050
Years										
Labor Hours	.000859	.000855	.000846	.000846	.000846	.000828	.000833	.000836	.000834	.000787
Material Cost	.009998	.009947	.009858	.009858	.009858	.009572	.009488	.009283	.009286	.007737
Equipment Hours	.000859	.000855	.000846	.000846	.000846	.000828	.000833	.000836	.000834	.000787
Years										
Labor Hours	.000721	.000724	.000681	.000681	.000681	.000679	.000856	.001101	.000863	.000977
Material Cost	.005188	.005184	.001510	.001510	.001510	.001482	.005911	.006160	.006165	.010311
Equipment Hours	.000721	.000724	.000681	.000681	.000681	.000679	.000856	.001101	.000863	.000977
Years										
Labor Hours	.000968	.000896	.000871	.000871	.000871	.000874	.000762	.000660	.000653	.000662
Material Cost	.010303	.009793	.009723	.009723	.009723	.009746	.009210	.005921	.005002	.005057
Equipment Hours	.000968	.000896	.000871	.000871	.000871	.000874	.000762	.000660	.000653	.000662
Years										
Labor Hours	.000663	.000633	.000807	.000807	.000807	.001071	.000838	.000836	.000966	.000927
Material Cost	.005033	.001216	.005623	.005623	.005623	.005956	.005992	.005916	.010257	.009928
Equipment Hours	.000663	.000633	.000807	.000807	.000807	.001071	.000838	.000836	.000966	.000927
Years										
Labor Hours	.000922	.000923	.000926	.000926	.000926	.000836	.000722	.000699	.000700	.000700
Material Cost	.009803	.009908	.009879	.009879	.009879	.008043	.005318	.005211	.005265	.005231
Equipment Hours	.000922	.000923	.000926	.000926	.000926	.000836	.000722	.000699	.000700	.000700

Total Summary for Family Housg

Resources Per Square Foot

Task	Description	UM	TD	2	2	5	6	7	8
0000000									
Years		1	2	3	4	5	6	7	8
Labor Hours	.000658		.014865	.016579	.019333	.017522	.025409	.021970	.015212
Material Cost	.000000		.058151	.059714	.068822	.069319	.189826	.082284	.059895
Equipment Hours	.000658		.014772	.016486	.019240	.017429	.025316	.021877	.015119
Years		9	10	11	12	13	14	15	16
Labor Hours	.028526		.020638	.051700	.015744	.053058	.016432	.030143	.035740
Material Cost	.130418		.187256	1.145089	.115266	.340696	.113165	.373522	.254618
Equipment Hours	.028434		.020546	.051608	.015651	.052965	.016340	.030050	.035647
Years		17	18	19	20	21	22	23	24
Labor Hours	.029320		.015506	.032437	.016528	.100277	.018513	.018024	.017144
Material Cost	.133766		.066556	.373752	.094517	1.807034	.065265	.118062	.177579
Equipment Hours	.029227		.015414	.032345	.016435	.099965	.018421	.017931	.017052
Years		25	26	27	28	29	30	31	32
Labor Hours	.053305		.071770	.018146	.018832	.034061	.019001	.049465	.015432
Material Cost	.731441		.318409	.114368	.070720	.396749	.172569	.694632	.058481
Equipment Hours	.053212		.071678	.018053	.018739	.034061	.018908	.049373	.015340
Years		33	34	35	36	37	38	39	40
Labor Hours	.028764		.020119	.026674	.027888	.032529	.048810	.016346	.022389
Material Cost	.141743		.125947	.756500	.34854	.519791	.298587	.060294	.163811
Equipment Hours	.028672		.020026	.026581	.027796	.032437	.048717	.016254	.022297
Years		41	42	43	44	45	46	47	48
Labor Hours	.210481		.06304	.032817	.018143	.025825	.033564	.018498	.016126
Material Cost	2.528184		.063128	.371660	.070631	.751643	.238977	.069637	.065027
Equipment Hours	.210389		.016211	.032724	.018050	.025732	.033471	.018406	.016034
Years		49	50	51	52	53	54	55	56
Labor Hours	.051155		.017899	.216446	.021104	.017801	.019772	.029679	.032127
Material Cost	.725141		.085835	.941618	.241015	.071898	.146178	.351267	.233043
Equipment Hours	.050843		.017806	.216353	.021011	.017708	.019679	.029586	.032034
Years		57	58	59	60	61	62	63	64
Labor Hours	.044612		.018541	.027196	.017637	.099979	.016210	.047586	.021517
Material Cost	.458683		.060839	.836476	.065355	1.478885	.064005	.222887	.103884
Equipment Hours	.044612		.018449	.027103	.017544	.099887	.016118	.047494	.021425
Years		65	66	67	68	69	70	71	72
Labor Hours	.028097		.027497	.020833	.017231	.026556	.019381	.065424	.015112
Material Cost	.132929		.318356	.121002	.067525	.770908	.067300	1.027067	.058151
Equipment Hours	.028005		.027404	.020740	.017138	.026463	.019289	.065331	.015019
Years		73	74	75	76	77	78	79	80
Labor Hours	.063352		.017507	.045851	.058271	.019783	.017707	.020915	.018536
Material Cost	1.026764		.124826	.159905	.378351	.076819	.104783	.089718	.230959
Equipment Hours	.063260		.017415	.045758	.058178	.019471	.017614	.020823	.018443

Total Summary for Family Housg

Resources Per Square Foot

Task	Description	UM	TD	2	2
0300000					
Years		1			
Labor Hours	.000164	2			
Material Cost	.000000	3			
Equipment Hours	.000164	4			
Years		5			
Labor Hours	.001862	6			
Material Cost	.014532	7			
Equipment Hours	.001770	8			
Years		9			
Labor Hours	.001862	10			
Material Cost	.014532	11			
Equipment Hours	.001770	12			
Years		13			
Labor Hours	.001862	14			
Material Cost	.014532	15			
Equipment Hours	.001770	16			
Years		17			
Labor Hours	.001862	18			
Material Cost	.014532	19			
Equipment Hours	.001770	20			
Years		21			
Labor Hours	.001862	22			
Material Cost	.014532	23			
Equipment Hours	.001770	24			
Years		25			
Labor Hours	.002197	26			
Material Cost	.014532	27			
Equipment Hours	.002105	28			
Years		29			
Labor Hours	.002197	30			
Material Cost	.014532	31			
Equipment Hours	.002105	32			
Years		33			
Labor Hours	.002039	34			
Material Cost	.014532	35			
Equipment Hours	.001787	36			
Years		37			
Labor Hours	.001862	38			
Material Cost	.014532	39			
Equipment Hours	.001770	40			
Years		41			
Labor Hours	.021250	42			
Material Cost	.352973	43			
Equipment Hours	.021158	44			
Years		45			
Labor Hours	.002360	46			
Material Cost	.014830	47			
Equipment Hours	.002048	48			
Years		49			
Labor Hours	.007292	50			
Material Cost	.089111	51			
Equipment Hours	.007292	52			
Years		53			
Labor Hours	.001921	54			
Material Cost	.014532	55			
Equipment Hours	.001828	56			
Years		57			
Labor Hours	.002421	58			
Material Cost	.019451	59			
Equipment Hours	.002328	60			
Years		61			
Labor Hours	.001974	62			
Material Cost	.014532	63			
Equipment Hours	.001882	64			
Years		65			
Labor Hours	.001880	66			
Material Cost	.014532	67			
Equipment Hours	.001787	68			
Years		69			
Labor Hours	.002039	70			
Material Cost	.014814	71			
Equipment Hours	.001947	72			
Years		73			
Labor Hours	.001880	74			
Material Cost	.014532	75			
Equipment Hours	.001787	76			
Years		77			
Labor Hours	.002039	78			
Material Cost	.014814	79			
Equipment Hours	.001947	80			
Years		81			
Labor Hours	.002039	82			
Material Cost	.014814	83			
Equipment Hours	.001947	84			
Years		85			
Labor Hours	.002039	86			
Material Cost	.014814	87			
Equipment Hours	.001947	88			
Years		89			
Labor Hours	.002039	90			
Material Cost	.014814	91			
Equipment Hours	.001947	92			
Years		93			
Labor Hours	.002039	94			
Material Cost	.014814	95			
Equipment Hours	.001947	96			
Years		97			
Labor Hours	.002039	98			
Material Cost	.014814	99			
Equipment Hours	.001947	100			

Total Summary for Family Housg

Resources Per Square Foot

Task	Description	UM	TD	2	2	5	6	7	8
0400000									
Years		1	2	3	4	5	6	7	8
Labor Hours	.000000	.000150	.000150	.000150	.003063	.000150	.003192	.003423	.000192
Material Cost	.000000	.000895	.000895	.000895	.003063	.000895	.003192	.015481	.001425
Equipment Hours	.000000	.000150	.000150	.000150	.003063	.000150	.003192	.003423	.000192
Years		9	10	11	12	13	14	15	16
Labor Hours	.009398	.003063	.003343	.001029	.003502	.003502	.000150	.003874	.006105
Material Cost	.015017	.007043	.076498	.058009	.015638	.015638	.000895	.080570	.079438
Equipment Hours	.009398	.003063	.003343	.001029	.003502	.003502	.000150	.003874	.006105
Years		17	18	19	20	21	22	23	24
Labor Hours	.009398	.000150	.003423	.000150	.018992	.018992	.003105	.001029	.000150
Material Cost	.015017	.000895	.015481	.000895	.155001	.155001	.007573	.058009	.000895
Equipment Hours	.009398	.000150	.003423	.000150	.018992	.018992	.003105	.001029	.000150
Years		25	26	27	28	29	30	31	32
Labor Hours	.012908	.009971	.000150	.003063	.003832	.003832	.000150	.006786	.000192
Material Cost	.047421	.079464	.000895	.007043	.080041	.080041	.000895	.088009	.001425
Equipment Hours	.012908	.009971	.000150	.003063	.003832	.003832	.000150	.006786	.000192
Years		33	34	35	36	37	38	39	40
Labor Hours	.009398	.003942	.000193	.003192	.003502	.003502	.000150	.000192	.003063
Material Cost	.015017	.064157	.003970	.073291	.015638	.015638	.000895	.001425	.007043
Equipment Hours	.009398	.003942	.000193	.003192	.003502	.003502	.000150	.000192	.003063
Years		41	42	43	44	45	46	47	48
Labor Hours	.031566	.000150	.006831	.000425	.000193	.000193	.005872	.000425	.000150
Material Cost	.272725	.000895	.089638	.005884	.003970	.003970	.074980	.005884	.000895
Equipment Hours	.031566	.000150	.006831	.000425	.000193	.000193	.005872	.000425	.000150
Years		49	50	51	52	53	54	55	56
Labor Hours	.012552	.000425	.010079	.003667	.000503	.000503	.000150	.003148	.003509
Material Cost	.042226	.005884	.079597	.059169	.006041	.006041	.000895	.010493	.078809
Equipment Hours	.012552	.000425	.010079	.003667	.000503	.000503	.000150	.003148	.003509
Years		57	58	59	60	61	62	63	64
Labor Hours	.013080	.002788	.000468	.000150	.022161	.022161	.000425	.001070	.002788
Material Cost	.094162	.002054	.000958	.000895	.161524	.161524	.005884	.058540	.002054
Equipment Hours	.013080	.002788	.000468	.000150	.022161	.022161	.000425	.001070	.002788
Years		65	66	67	68	69	70	71	72
Labor Hours	.009753	.003192	.003148	.000425	.000193	.000193	.002830	.007257	.000150
Material Cost	.020211	.073291	.010493	.005884	.003970	.003970	.002584	.157557	.000895
Equipment Hours	.009753	.003192	.003148	.000425	.000193	.000193	.002830	.007257	.000150
Years		73	74	75	76	77	78	79	80
Labor Hours	.012552	.001304	.000150	.012609	.000503	.000503	.000150	.003148	.000466
Material Cost	.042226	.062998	.000895	.080624	.006041	.006041	.000895	.010493	.006413
Equipment Hours	.012552	.001304	.000150	.012609	.000503	.000503	.000150	.003148	.000466

Total Summary for Family Housg

Resources Per Square Foot

Task	Description	UM	TD	2	2	3	4	5	6	7	8
0410000											
Years		1	2	3	4	5	6	7	8		
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years		9	10	11	12	13	14	15	16		
Labor Hours	.009247	.000000	.000000	.001799	.000000	.000329	.000000	.000000	.001691	.000000	.001691
Material Cost	.014113	.000000	.000000	.005061	.000000	.001439	.000000	.000000	.004929	.000000	.004929
Equipment Hours	.009247	.000000	.000000	.001799	.000000	.000329	.000000	.000000	.001691	.000000	.001691
Years		17	18	19	20	21	22	23	24		
Labor Hours	.009247	.000000	.000000	.000250	.000000	.013676	.000000	.000000	.000000	.000000	.000000
Material Cost	.014113	.000000	.000000	.001282	.000000	.037563	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.009247	.000000	.000000	.000250	.000000	.013676	.000000	.000000	.000000	.000000	.000000
Years		25	26	27	28	29	30	31	32		
Labor Hours	.009578	.000000	.000000	.000000	.000000	.000000	.000000	.002049	.000000	.000000	.000000
Material Cost	.015601	.008454	.000000	.000000	.000000	.000000	.000000	.006343	.000000	.000000	.000000
Equipment Hours	.009578	.008454	.000000	.000000	.000000	.000000	.000000	.002049	.000000	.000000	.000000
Years		33	34	35	36	37	38	39	40		
Labor Hours	.009247	.000000	.000000	.000000	.001691	.000329	.000000	.000000	.000000	.000000	.000000
Material Cost	.014113	.000000	.000000	.000000	.004929	.001439	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.009247	.000000	.000000	.000000	.001691	.000329	.000000	.000000	.000000	.000000	.000000
Years		41	42	43	44	45	46	47	48		
Labor Hours	.023380	.000000	.000000	.000250	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.061983	.000000	.000000	.001282	.000000	.000000	.004929	.000000	.000000	.000000	.000000
Equipment Hours	.023380	.000000	.000000	.000250	.000000	.000000	.001691	.000000	.000000	.000000	.000000
Years		49	50	51	52	53	54	55	56		
Labor Hours	.009497	.000000	.000000	.008562	.000000	.000079	.000000	.000250	.001691	.000000	.000000
Material Cost	.015395	.000000	.000000	.01215	.000000	.000157	.000000	.001282	.004929	.000000	.000000
Equipment Hours	.009497	.000000	.000000	.008562	.000000	.000079	.000000	.000250	.001691	.000000	.000000
Years		57	58	59	60	61	62	63	64		
Labor Hours	.009247	.000000	.000000	.000000	.000000	.013926	.000000	.000000	.000000	.000000	.000000
Material Cost	.014113	.000000	.000000	.000000	.000000	.038845	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.009247	.000000	.000000	.000000	.000000	.013926	.000000	.000000	.000000	.000000	.000000
Years		65	66	67	68	69	70	71	72		
Labor Hours	.009328	.001691	.000250	.000000	.000000	.000000	.000000	.001799	.000000	.000000	.000000
Material Cost	.014319	.004929	.001282	.000000	.000000	.000000	.000000	.005061	.000000	.000000	.000000
Equipment Hours	.009328	.001691	.000250	.000000	.000000	.000000	.000000	.001799	.000000	.000000	.000000
Years		73	74	75	76	77	78	79	80		
Labor Hours	.009497	.000000	.000000	.000000	.008454	.000079	.000000	.000250	.000000	.000000	.000000
Material Cost	.015395	.000000	.000000	.000000	.011083	.000157	.000000	.001282	.000000	.000000	.000000
Equipment Hours	.009497	.000000	.000000	.000000	.008454	.000079	.000000	.000250	.000000	.000000	.000000

Total Summary for Family Housg

Resources Per Square Foot

Task	Description	UM	TD	2	2	5	6	7	8
0420000									
Years		1	2	3	4	5	6	7	8
Labor Hours	.000000	.000003	.000003	.000003	.000312	.000003	.000841	.000422	.000044
Material Cost	.000000	.000021	.000021	.000021	.000634	.000021	.067388	.012791	.000551
Equipment Hours	.000000	.000003	.000003	.000003	.000312	.000003	.000841	.000422	.000044
Years		9	10	11	12	13	14	15	16
Labor Hours	.000003	.000312	.000084	.000084	.000881	.000422	.000003	.000419	.001150
Material Cost	.000021	.005634	.070463	.05135	.012791	.012791	.000021	.079189	.073001
Equipment Hours	.000003	.000312	.000884	.000881	.000881	.000422	.000003	.000419	.001150
Years		17	18	19	20	21	22	23	24
Labor Hours	.000003	.000003	.000422	.000003	.000003	.000987	.000354	.000881	.000003
Material Cost	.000021	.000021	.012791	.000021	.000021	.115951	.006164	.057135	.000021
Equipment Hours	.000003	.000003	.000422	.000003	.000003	.000987	.000354	.000881	.000003
Years		25	26	27	28	29	30	31	32
Labor Hours	.000578	.000841	.000003	.000312	.000577	.000577	.000003	.001474	.000044
Material Cost	.030403	.067388	.000021	.005634	.078660	.080158	.000021	.080158	.000551
Equipment Hours	.000578	.000841	.000003	.000312	.000577	.000577	.000003	.001474	.000044
Years		33	34	35	36	37	38	39	40
Labor Hours	.000003	.001191	.00046	.000841	.000422	.000422	.000003	.000044	.000312
Material Cost	.000021	.062749	.03095	.067388	.012791	.012791	.000021	.000551	.005634
Equipment Hours	.000003	.001191	.00046	.000841	.000422	.000422	.000003	.000044	.000312
Years		41	42	43	44	45	46	47	48
Labor Hours	.003857	.000003	.000722	.000278	.000046	.000046	.000917	.000278	.000003
Material Cost	.209248	.000021	.086441	.005009	.003095	.003095	.068543	.005009	.000021
Equipment Hours	.003857	.000003	.000722	.000278	.000046	.000046	.000917	.000278	.000003
Years		49	50	51	52	53	54	55	56
Labor Hours	.000303	.000278	.000841	.000916	.000278	.000278	.000003	.000147	.001157
Material Cost	.025414	.005009	.067388	.057760	.005009	.005009	.000021	.007802	.072906
Equipment Hours	.000303	.000278	.000841	.000916	.000278	.000278	.000003	.000147	.001157
Years		57	58	59	60	61	62	63	64
Labor Hours	.000577	.000037	.000321	.000003	.001302	.001302	.000278	.000923	.000037
Material Cost	.078660	.000646	.00084	.000021	.120858	.120858	.005009	.057665	.000646
Equipment Hours	.000577	.000037	.000321	.000003	.001302	.001302	.000278	.000923	.000037
Years		65	66	67	68	69	70	71	72
Labor Hours	.000278	.000841	.000147	.000278	.000046	.000046	.000079	.001690	.000003
Material Cost	.005009	.067388	.007802	.005009	.003095	.003095	.001175	.151015	.000021
Equipment Hours	.000278	.000841	.000147	.000278	.000046	.000046	.000079	.001690	.000003
Years		73	74	75	76	77	78	79	80
Labor Hours	.000303	.001156	.000003	.000875	.000278	.000278	.000003	.000147	.000319
Material Cost	.025414	.062123	.000021	.068013	.005009	.005009	.000021	.007802	.005339
Equipment Hours	.000303	.001156	.000003	.000875	.000278	.000278	.000003	.000147	.000319

Total Summary for Family Housg

Resources Per Square Foot

Task	Description	UM	TD	2	2	3	4	5	6	7	8
0500000											
Years	1	2	3	4	5	6	7	8			
Labor Hours	.000000	.000000	.000000	.000000	.000000	.001975	.000057	.000000	.001975	.000057	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.035828	.000452	.000000	.035828	.000452	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.001975	.000057	.000000	.001975	.000057	.000000
Years	9	10	11	12	13	14	15	16			
Labor Hours	.000000	.000000	.009142	.000000	.000057	.000529	.000000	.001975			
Material Cost	.000000	.000000	.684610	.000000	.000452	.047862	.000000	.035828			
Equipment Hours	.000000	.000000	.009142	.000000	.000057	.000529	.000000	.001975			
Years	17	18	19	20	21	22	23	24			
Labor Hours	.000000	.000000	.000057	.000000	.009281	.000000	.000000	.000000			
Material Cost	.000000	.000000	.000452	.000000	.697181	.000000	.000000	.000000			
Equipment Hours	.000000	.000000	.000057	.000000	.009281	.000000	.000000	.000000			
Years	25	26	27	28	29	30	31	32			
Labor Hours	.019575	.000136	.000529	.000000	.000000	.001840	.000193	.000000			
Material Cost	.415824	.002459	.047862	.000000	.000000	.033369	.002911	.000000			
Equipment Hours	.019575	.000136	.000529	.000000	.000000	.001840	.000193	.000000			
Years	33	34	35	36	37	38	39	40			
Labor Hours	.000000	.000000	.009007	.000136	.000057	.000000	.000000	.002369			
Material Cost	.000000	.000000	.682151	.002459	.000452	.000000	.000000	.081231			
Equipment Hours	.000000	.000000	.009007	.000136	.000057	.000000	.000000	.002369			
Years	41	42	43	44	45	46	47	48			
Labor Hours	.001549	.000000	.000057	.000000	.009007	.000136	.000000	.000000			
Material Cost	.060077	.000000	.000452	.000000	.682151	.002459	.000000	.000000			
Equipment Hours	.001549	.000000	.000057	.000000	.009007	.000136	.000000	.000000			
Years	49	50	51	52	53	54	55	56			
Labor Hours	.019575	.000000	.000136	.000000	.000000	.002369	.000057	.000136			
Material Cost	.415824	.000000	.002459	.000000	.000000	.081231	.000452	.002459			
Equipment Hours	.019575	.000000	.000136	.000000	.000000	.002369	.000057	.000136			
Years	57	58	59	60	61	62	63	64			
Labor Hours	.000000	.000000	.009007	.000000	.000332	.000000	.000000	.001840			
Material Cost	.000000	.000000	.682151	.000000	.015482	.000000	.000000	.033369			
Equipment Hours	.000000	.000000	.009007	.000000	.000332	.000000	.000000	.001840			
Years	65	66	67	68	69	70	71	72			
Labor Hours	.000000	.000136	.000586	.000000	.009007	.000000	.000136	.000000			
Material Cost	.000000	.002459	.048314	.000000	.682151	.000000	.002459	.000000			
Equipment Hours	.000000	.000136	.000586	.000000	.009007	.000000	.000136	.000000			
Years	73	74	75	76	77	78	79	80			
Labor Hours	.019575	.000000	.000000	.000136	.000000	.001840	.000057	.000529			
Material Cost	.415824	.000000	.000000	.002459	.000000	.033369	.000452	.047862			
Equipment Hours	.019575	.000000	.000000	.000136	.000000	.001840	.000057	.000529			

Total Summary for Family Housing

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000		2								
Years										
Labor Hours	.000000	.009652	.009652	.009652	.009652	.009652	.009656	.010682	.009649	.009652
Material Cost	.000000	.042341	.042341	.042341	.042341	.042341	.042590	.050059	.042478	.042341
Equipment Hours	.000000	.009652	.009652	.009652	.009652	.009652	.009656	.010682	.009649	.009652
Years										
Labor Hours	.010389	.009672	.018358	.009652	.009652	.009652	.040054	.009652	.009652	.011845
Material Cost	.067295	.046747	.059028	.042341	.042341	.042341	.145620	.042341	.042341	.051442
Equipment Hours	.010389	.009672	.018358	.009652	.009652	.009652	.040054	.009652	.009652	.011845
Years										
Labor Hours	.010389	.009652	.019728	.009652	.009652	.009652	.018362	.009652	.009652	.009652
Material Cost	.067295	.042341	.0319014	.042341	.042341	.042341	.059278	.042341	.042341	.042341
Equipment Hours	.010389	.009652	.019728	.009652	.009652	.009652	.018362	.009652	.009652	.009652
Years										
Labor Hours	.010587	.046079	.009652	.009652	.009652	.009652	.009656	.009652	.009652	.009652
Material Cost	.067432	.161553	.042341	.046788	.046788	.046788	.042590	.042341	.042341	.042341
Equipment Hours	.010587	.046079	.009652	.009652	.009652	.009652	.009656	.009652	.009652	.009652
Years										
Labor Hours	.010389	.009652	.035	.009652	.009652	.009652	.019834	.039853	.009652	.009652
Material Cost	.067295	.042341	.042341	.050059	.050059	.050059	.321664	.145234	.042341	.042341
Equipment Hours	.010389	.009652	.009652	.009652	.009652	.009652	.019834	.039853	.009652	.009652
Years										
Labor Hours	.010587	.009652	.043	.009652	.009652	.009652	.009656	.012067	.009652	.009652
Material Cost	.067297	.042341	.042478	.042341	.042341	.042341	.042590	.055890	.042341	.042341
Equipment Hours	.010587	.009652	.009649	.009652	.009652	.009652	.009656	.012067	.009652	.009652
Years										
Labor Hours	.010587	.009652	.51	.009652	.009652	.009652	.009656	.009652	.009652	.009652
Material Cost	.067432	.042341	.188933	.042341	.042341	.042341	.042590	.042341	.042341	.042341
Equipment Hours	.010587	.009652	.188933	.009652	.009652	.009652	.009656	.009652	.009652	.009652
Years										
Labor Hours	.010389	.009652	.59	.009652	.009652	.009652	.020073	.009652	.009652	.009652
Material Cost	.067295	.042341	.042341	.042341	.042341	.042341	.042590	.042341	.042341	.042341
Equipment Hours	.010389	.009652	.009652	.009652	.009652	.009652	.020073	.009652	.009652	.009652
Years										
Labor Hours	.010389	.009652	.67	.009652	.009652	.009652	.009656	.009652	.009652	.009652
Material Cost	.067295	.050073	.042478	.042341	.042341	.042341	.042590	.042341	.042341	.042341
Equipment Hours	.010389	.010693	.009649	.009652	.009652	.009652	.009656	.009652	.009652	.009652
Years										
Labor Hours	.020567	.009652	.75	.009652	.009652	.009652	.009656	.009652	.009652	.009652
Material Cost	.346369	.042341	.038478	.027521	.027521	.027521	.042590	.042341	.042341	.042341
Equipment Hours	.020567	.009652	.038478	.027521	.027521	.027521	.009656	.009652	.009649	.009652

Total Summary for Family Housg

Resources Per Square Foot

Task Description	UM	ID	2	2
0610000				
Years	1	2	3	4
Labor Hours	.00000	.006887	.006887	.006887
Material Cost	.00000	.030421	.030421	.030421
Equipment Hours	.00000	.006887	.006887	.006887
Years	9	10	11	12
Labor Hours	.006887	.006887	.010052	.006887
Material Cost	.030421	.030421	.033608	.030421
Equipment Hours	.006887	.006887	.010052	.006887
Years	17	18	19	20
Labor Hours	.006887	.006887	.006887	.006887
Material Cost	.030421	.030421	.030421	.030421
Equipment Hours	.006887	.006887	.006887	.006887
Years	25	26	27	28
Labor Hours	.006887	.033519	.006887	.006887
Material Cost	.030421	.109088	.030421	.030421
Equipment Hours	.006887	.033519	.006887	.006887
Years	33	34	35	36
Labor Hours	.006887	.006887	.006887	.006887
Material Cost	.030421	.030421	.030421	.030421
Equipment Hours	.006887	.006887	.006887	.006887
Years	41	42	43	44
Labor Hours	.010052	.006887	.006887	.006887
Material Cost	.033608	.030421	.030421	.030421
Equipment Hours	.010052	.006887	.006887	.006887
Years	49	50	51	52
Labor Hours	.006887	.006887	.054099	.006887
Material Cost	.030421	.030421	.280635	.030421
Equipment Hours	.006887	.006887	.054099	.006887
Years	57	58	59	60
Labor Hours	.006887	.006887	.006887	.006887
Material Cost	.030421	.030421	.030421	.030421
Equipment Hours	.006887	.006887	.006887	.006887
Years	65	66	67	68
Labor Hours	.006887	.006887	.006887	.006887
Material Cost	.030421	.030421	.030421	.030421
Equipment Hours	.006887	.006887	.006887	.006887
Years	73	74	75	76
Labor Hours	.006887	.006887	.027571	.012834
Material Cost	.030421	.030421	.100289	.039221
Equipment Hours	.006887	.006887	.027571	.012834
Years	81	82	83	84
Labor Hours	.006887	.006887	.006887	.006887
Material Cost	.030421	.030421	.030421	.030421
Equipment Hours	.006887	.006887	.006887	.006887
Years	89	90	91	92
Labor Hours	.006887	.006887	.006887	.006887
Material Cost	.030421	.030421	.030421	.030421
Equipment Hours	.006887	.006887	.006887	.006887
Years	97	98	99	100
Labor Hours	.006887	.006887	.006887	.006887
Material Cost	.030421	.030421	.030421	.030421
Equipment Hours	.006887	.006887	.006887	.006887

Total Summary for Family Housg

Task Description		Resources Per Square Foot									
0620000		UM TD									
		2	2								
Years	1			3	4	5	6	7	8		
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000004	.001031	.000000	.000000		
Material Cost	.000000	.000000	.000000	.000000	.000000	.000249	.007718	.000000	.000000		
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000004	.001031	.000000	.000000		
Years	9			11	12	13	14	15	16		
Labor Hours	.000737	.000163	.005541	.000000	.000000	.000004	.000000	.000000	.001897		
Material Cost	.024955	.004264	.013501	.000000	.000000	.000249	.000000	.000000	.008937		
Equipment Hours	.000737	.000163	.005541	.000000	.000000	.000004	.000000	.000000	.001897		
Years	17			19	20	21	22	23	24		
Labor Hours	.000737	.000000	.009821	.000000	.000000	.005544	.000000	.000000	.000000		
Material Cost	.024955	.000000	.276394	.000000	.000000	.013750	.000000	.000000	.000000		
Equipment Hours	.000737	.000000	.009821	.000000	.000000	.005544	.000000	.000000	.000000		
Years	25			27	28	29	30	31	32		
Labor Hours	.000737	.001053	.000000	.000164	.000000	.000004	.000000	.004408	.000000		
Material Cost	.024955	.010387	.000000	.004306	.000000	.000249	.000000	.014720	.000000		
Equipment Hours	.000737	.001053	.000000	.000164	.000000	.000004	.000000	.006408	.000000		
Years	33			35	36	37	38	39	40		
Labor Hours	.000737	.000000	.000000	.001031	.000000	.009927	.000000	.000000	.000000		
Material Cost	.024955	.000000	.000000	.007718	.000000	.279044	.000000	.000000	.000000		
Equipment Hours	.000737	.000000	.000000	.001031	.000000	.009927	.000000	.000000	.000000		
Years	41			43	44	45	46	47	48		
Labor Hours	.095836	.000000	.000000	.000000	.000000	.000004	.002061	.000000	.000000		
Material Cost	.796769	.000000	.000000	.000000	.000000	.000249	.013243	.000000	.000000		
Equipment Hours	.095836	.000000	.000000	.000000	.000000	.000004	.002061	.000000	.000000		
Years	49			51	52	53	54	55	56		
Labor Hours	.000737	.000000	.115130	.000000	.000000	.000004	.000000	.009923	.001031		
Material Cost	.024955	.000000	.046358	.000000	.000000	.000249	.000000	.278794	.007718		
Equipment Hours	.000737	.000000	.115130	.000000	.000000	.000004	.000000	.009923	.001031		
Years	57			59	60	61	62	63	64		
Labor Hours	.000737	.000000	.000000	.000000	.000000	.004400	.000000	.000000	.000164		
Material Cost	.024955	.000000	.000000	.000000	.000000	.014955	.000000	.000000	.004306		
Equipment Hours	.000737	.000000	.000000	.000000	.000000	.006400	.000000	.000000	.000164		
Years	65			67	68	69	70	71	72		
Labor Hours	.000737	.001041	.000000	.000000	.000000	.000004	.000000	.005541	.000000		
Material Cost	.024955	.007732	.000000	.000000	.000000	.000249	.000000	.013501	.000000		
Equipment Hours	.000737	.001041	.000000	.000000	.000000	.000004	.000000	.005541	.000000		
Years	73			75	76	77	78	79	80		
Labor Hours	.010660	.000000	.000000	.010514	.000000	.000004	.000000	.000000	.000000		
Material Cost	.303749	.000000	.000000	.128241	.000000	.000249	.000000	.000000	.000000		
Equipment Hours	.010660	.000000	.000000	.010514	.000000	.000004	.000000	.000000	.000000		

Total Summary for Family Housg

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0430000	UM TD	2 2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000000	.002765	.002765	.002765	.002765	.002765	.002962	.002765
Material Cost	.000000	.011919	.011919	.011919	.011919	.011919	.012056	.011919
Equipment Hours	.000000	.002765	.002765	.002765	.002765	.002765	.002962	.002765
Years	9	10	11	12	13	14	15	16
Labor Hours	.002765	.002823	.002765	.002765	.011544	.002765	.002765	.003061
Material Cost	.011919	.012061	.011919	.011919	.041924	.011919	.011919	.012084
Equipment Hours	.002765	.002823	.002765	.002765	.011544	.002765	.002765	.003061
Years	17	18	19	20	21	22	23	24
Labor Hours	.002765	.002765	.003020	.002765	.002765	.002765	.002765	.002765
Material Cost	.011919	.011919	.012199	.011919	.011919	.011919	.011919	.011919
Equipment Hours	.002765	.002765	.003020	.002765	.002765	.002765	.002765	.002765
Years	25	26	27	28	29	30	31	32
Labor Hours	.002962	.011507	.002765	.002823	.002765	.002765	.003058	.002765
Material Cost	.012056	.042078	.011919	.012061	.011919	.011919	.011919	.011919
Equipment Hours	.002962	.011507	.002765	.002823	.002765	.002765	.003058	.002765
Years	33	34	35	36	37	38	39	40
Labor Hours	.002765	.002765	.002765	.002765	.003020	.011347	.002765	.002765
Material Cost	.011919	.011919	.011919	.011919	.012199	.041787	.011919	.011919
Equipment Hours	.002765	.002765	.002765	.002765	.003020	.011347	.002765	.002765
Years	41	42	43	44	45	46	47	48
Labor Hours	.002765	.002765	.002962	.002765	.002765	.003119	.002765	.002765
Material Cost	.011919	.011919	.012056	.011919	.011919	.012226	.011919	.011919
Equipment Hours	.002765	.002765	.002962	.002765	.002765	.003119	.002765	.002765
Years	49	50	51	52	53	54	55	56
Labor Hours	.002962	.002765	.019703	.002765	.002765	.002765	.003020	.002765
Material Cost	.012056	.011919	.123561	.011919	.011919	.011919	.012199	.011919
Equipment Hours	.002962	.002765	.019703	.002765	.002765	.002765	.003020	.002765
Years	57	58	59	60	61	62	63	64
Labor Hours	.002765	.002765	.002765	.002765	.003258	.002765	.011347	.002823
Material Cost	.011919	.011919	.011919	.011919	.012221	.011919	.041787	.012061
Equipment Hours	.002765	.002765	.002765	.002765	.003258	.002765	.011347	.002823
Years	65	66	67	68	69	70	71	72
Labor Hours	.002765	.002765	.002962	.002765	.002765	.002765	.002765	.002765
Material Cost	.011919	.011919	.012056	.011919	.011919	.011919	.011919	.011919
Equipment Hours	.002765	.002765	.002962	.002765	.002765	.002765	.002765	.002765
Years	73	74	75	76	77	78	79	80
Labor Hours	.003020	.002765	.010907	.004172	.002765	.002765	.002962	.002765
Material Cost	.030200	.011919	.040255	.046925	.011919	.011919	.012056	.011919
Equipment Hours	.003020	.002765	.010907	.004172	.002765	.002765	.002962	.002765

Total Summary for Family Housg

Resources Per Square Foot

Task	Description	UM	TD	2	2
0800000					
Years	1				
Labor Hours	.00000	2			
Material Cost	.00000	.001093			
Equipment Hours	.00000	.000004			
		.001093			
Years	9				
Labor Hours	.004569	10			
Material Cost	.032649	.002285			
Equipment Hours	.004569	.002285			
Years	17				
Labor Hours	.005538	18			
Material Cost	.034260	.001734			
Equipment Hours	.005538	.001734			
Years	25				
Labor Hours	.005912	26			
Material Cost	.185851	.032244			
Equipment Hours	.005912	.005701			
Years	33				
Labor Hours	.004687	34			
Material Cost	.032711	.002302			
Equipment Hours	.004687	.002302			
Years	41				
Labor Hours	.017901	42			
Material Cost	.597589	.002396			
Equipment Hours	.017901	.002396			
Years	49				
Labor Hours	.003888	50			
Material Cost	.184447	.002904			
Equipment Hours	.003888	.002904			
Years	57				
Labor Hours	.004276	58			
Material Cost	.033324	.001819			
Equipment Hours	.004276	.001819			
Years	65				
Labor Hours	.003604	66			
Material Cost	.029965	.007198			
Equipment Hours	.003604	.007198			
Years	73				
Labor Hours	.004599	74			
Material Cost	.185118	.002302			
Equipment Hours	.004599	.002302			
Years	81				
Labor Hours	.004236	82			
Material Cost	.005735	.004236			
Equipment Hours	.004236	.004236			
Years	15				
Labor Hours	.002861	16			
Material Cost	.001629	.005433			
Equipment Hours	.002861	.005433			
Years	23				
Labor Hours	.003359	24			
Material Cost	.003800	.002069			
Equipment Hours	.003359	.002069			
Years	31				
Labor Hours	.011379	32			
Material Cost	.261569	.001202			
Equipment Hours	.011379	.001202			
Years	39				
Labor Hours	.002247	40			
Material Cost	.001071	.002987			
Equipment Hours	.002247	.002987			
Years	47				
Labor Hours	.004065	48			
Material Cost	.006219	.002223			
Equipment Hours	.004065	.002223			
Years	55				
Labor Hours	.002258	56			
Material Cost	.001011	.005934			
Equipment Hours	.002258	.005934			
Years	63				
Labor Hours	.002383	64			
Material Cost	.001258	.002891			
Equipment Hours	.002383	.002891			
Years	71				
Labor Hours	.014031	72			
Material Cost	.406609	.001104			
Equipment Hours	.014031	.001104			
Years	79				
Labor Hours	.003573	80			
Material Cost	.004028	.002395			
Equipment Hours	.003573	.002395			

Total Summary for Family Housg

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
0900000		UM	TD						
		2	2						
Years									
Labor Hours	.000445	.001956	.001970	.001956	.001970	.001956	.001956	.002030	.001951
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.002945	.000000
Equipment Hours	.000445	.001956	.001970	.001956	.001970	.001956	.001956	.002030	.001951
Years									
Labor Hours	.001970	.003050	.001970	.001956	.001970	.001956	.002016	.008919	.002167
Material Cost	.000000	.114341	.000000	.000000	.000000	.000000	.002945	.156564	.000039
Equipment Hours	.001970	.003050	.001970	.001956	.001970	.001956	.002016	.008919	.002167
Years									
Labor Hours	.001970	.001956	.003593	.002370	.001941	.001956	.001956	.001970	.003053
Material Cost	.000000	.000000	.021769	.031928	.010110	.000000	.000000	.000000	.114663
Equipment Hours	.001970	.001956	.003593	.002370	.001941	.001956	.001956	.001970	.003053
Years									
Labor Hours	.001970	.001956	.002030	.001956	.009403	.002714	.002714	.002047	.002208
Material Cost	.000000	.000000	.002945	.000000	.174411	.075890	.000000	.000000	.000000
Equipment Hours	.001970	.001956	.002030	.001956	.009403	.002714	.002714	.002047	.002208
Years									
Labor Hours	.002258	.002028	.002101	.002058	.002042	.004741	.004741	.002042	.002128
Material Cost	.011809	.000000	.002945	.000039	.000000	.134432	.000000	.000000	.011627
Equipment Hours	.002258	.002028	.002101	.002058	.002042	.004741	.004741	.002042	.002128
Years									
Labor Hours	.002012	.002087	.008793	.002028	.002042	.002028	.002028	.002042	.002088
Material Cost	.010119	.002945	.145161	.000000	.000000	.000000	.000000	.000000	.002950
Equipment Hours	.002012	.002087	.008793	.002028	.002042	.002028	.002028	.002042	.002088
Years									
Labor Hours	.002042	.002422	.002258	.003125	.002042	.002028	.002028	.002312	.003651
Material Cost	.000000	.017356	.011809	.114663	.000000	.000000	.000000	.002984	.021769
Equipment Hours	.002042	.002422	.002258	.003125	.002042	.002028	.002028	.002312	.003651
Years									
Labor Hours	.009422	.002028	.002828	.002028	.002012	.002028	.002028	.002101	.002028
Material Cost	.174411	.000000	.087517	.000000	.010119	.000000	.000000	.002945	.000000
Equipment Hours	.009422	.002028	.002828	.002028	.002012	.002028	.002028	.002101	.002028
Years									
Labor Hours	.002042	.003125	.002042	.002202	.002258	.002087	.002087	.008793	.002028
Material Cost	.000000	.114663	.000000	.000000	.011809	.002945	.002945	.145161	.000000
Equipment Hours	.002042	.003125	.002042	.002202	.002258	.002087	.002087	.008793	.002028
Years									
Labor Hours	.003845	.002058	.002042	.002087	.002042	.002167	.002167	.002256	.003125
Material Cost	.021769	.000039	.000000	.002945	.000000	.011627	.011627	.017356	.114663
Equipment Hours	.003845	.002058	.002042	.002087	.002042	.002167	.002167	.002256	.003125

Total Summary for Family Housing

Resources Per Square Foot

Task Description	UM	TD	2	2
1100000				
Years				
1				
Labor Hours	.000048	.000152	.000152	.000152
Material Cost	.000000	.000380	.000380	.000380
Equipment Hours	.000048	.000152	.000152	.000152
Years				
9				
Labor Hours	.000338	.000152	.000152	.000152
Material Cost	.000925	.000380	.000380	.000380
Equipment Hours	.000338	.000152	.000152	.000152
Years				
17				
Labor Hours	.000156	.000152	.000152	.000152
Material Cost	.000380	.000380	.000380	.000380
Equipment Hours	.000156	.000152	.000152	.000152
Years				
25				
Labor Hours	.000156	.000152	.000152	.000152
Material Cost	.000380	.000380	.000380	.000380
Equipment Hours	.000156	.000152	.000152	.000152
Years				
33				
Labor Hours	.000152	.000156	.000156	.000156
Material Cost	.000380	.000380	.000380	.000380
Equipment Hours	.000152	.000156	.000156	.000156
Years				
41				
Labor Hours	.027548	.000156	.000156	.000156
Material Cost	.392404	.000380	.000380	.000380
Equipment Hours	.027548	.000156	.000156	.000156
Years				
49				
Labor Hours	.000152	.000338	.000338	.000338
Material Cost	.000380	.000925	.000925	.000925
Equipment Hours	.000152	.000338	.000338	.000338
Years				
57				
Labor Hours	.000152	.000334	.000334	.000334
Material Cost	.000380	.000925	.000925	.000925
Equipment Hours	.000152	.000334	.000334	.000334
Years				
65				
Labor Hours	.000334	.000732	.000732	.000732
Material Cost	.000925	.000987	.000987	.000987
Equipment Hours	.000334	.000732	.000732	.000732
Years				
73				
Labor Hours	.000334	.000152	.000152	.000152
Material Cost	.000925	.000380	.000380	.000380
Equipment Hours	.000334	.000152	.000152	.000152
Years				
80				
Labor Hours	.000334	.000152	.000152	.000152
Material Cost	.000925	.000380	.000380	.000380
Equipment Hours	.000334	.000152	.000152	.000152

Total Summary for Family Housg

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	9	10	11	12	13	14	15	16
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	17	18	19	20	21	22	23	24
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	25	26	27	28	29	30	31	32
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	33	34	35	36	37	38	39	40
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	41	42	43	44	45	46	47	48
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	49	50	51	52	53	54	55	56
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	57	58	59	60	61	62	63	64
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	65	66	67	68	69	70	71	72
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Years	73	74	75	76	77	78	79	80
Labor Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Material Cost	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000
Equipment Hours	.000000	.000000	.000000	.000000	.000000	.000000	.000000	.000000

FAMILY HOUSING- WHERRY

Resources Per Square Foot

Task Description	UM	TD								
0000000 Total Summary	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.003387	.022017	.026897	.029282	.031279	.033876	.033236	.035649		
Material Cost	.038871	.069154	.078765	.115289	.154246	.166531	.156897	.224298		
Equipment Hours	.007446	.020295	.025119	.027483	.029471	.032033	.031558	.033832		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.040376	.042522	.042355	.042170	.044688	.044827	.047709	.048675		
Material Cost	.341580	.383829	.539286	.546125	.532870	.560769	.565697	.561336		
Equipment Hours	.038163	.039952	.039520	.039255	.041384	.041380	.044126	.045091		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.043312	.048139	.053127	.056742	.054284	.050584	.051859	.052110		
Material Cost	.491889	.608185	.696698	.711301	.570684	.503139	.448834	.449545		
Equipment Hours	.040186	.041739	.045803	.049768	.048144	.046487	.048605	.048875		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.051023	.046593	.048121	.049828	.052201	.049635	.046348	.048778		
Material Cost	.427894	.616577	.631007	.737831	.766877	.733662	.803161	.840489		
Equipment Hours	.047507	.042647	.043129	.044579	.046693	.044257	.040958	.042935		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.051974	.049552	.051277	.053094	.056075	.057955	.057240	.054109		
Material Cost	.836256	.790485	.794437	.582856	.609686	.650189	.685288	.655129		
Equipment Hours	.045738	.044374	.044008	.046630	.048365	.049243	.049384	.046233		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.055888	.052452	.051829	.052202	.050802	.046985	.046809	.048363		
Material Cost	.799886	.746868	.637010	.613951	.574345	.533724	.589704	.596273		
Equipment Hours	.046790	.045454	.046217	.046760	.046092	.042546	.042418	.044149		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.049554	.051480	.060707	.061920	.060244	.052404	.064140	.068260		
Material Cost	.676018	.692111	.595983	.601970	.541982	.521627	.587894	.887287		
Equipment Hours	.044792	.046241	.055906	.056531	.053787	.046940	.056779	.058474		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.067664	.067750	.065930	.066144	.058078	.058286	.060665	.061736		
Material Cost	.892427	.929121	.869964	.886964	.775174	.809375	.767507	.771216		
Equipment Hours	.057286	.057501	.057148	.058538	.051325	.051300	.054881	.056299		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.066204	.056279	.057612	.057177	.059930	.060451	.055253	.060403		
Material Cost	.769254	.493956	.493494	.540295	.647530	.634007	.817155	.900351		
Equipment Hours	.060067	.051220	.052123	.051463	.053688	.053144	.047909	.050848		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.063400	.059398	.061749	.063600	.060949	.061659	.060873	.057554		
Material Cost	.840429	.775472	.77506	.788398	.807193	.831869	.833359	.752448		
Equipment Hours	.053952	.050453	.052183	.054699	.051574	.051380	.052721	.049435		

FAMILY HOUSING- WHERRY

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0300000 Roofing		2 17								
Years										
Labor Hours	1		.001882	.003162	.003276	.003315	.003336	.003404	.003075	.002945
Material Cost	.013239	.024600	.024720	.025532	.024720	.025532	.027782	.026263	.022811	.022811
Equipment Hours	.000941	.001581	.001637	.001658	.001637	.001658	.001668	.001702	.001537	.001472
Years										
Labor Hours	9	10	.003289	.003462	.003149	.003167	.004053	.004299	.004606	.004289
Material Cost	.024800	.027619	.025114	.024151	.025114	.024151	.048550	.052001	.053982	.048164
Equipment Hours	.001644	.001731	.001575	.001584	.001575	.001584	.002027	.002150	.002303	.002145
Years										
Labor Hours	17	18	.003351	.009467	.010993	.010914	.008874	.004660	.003258	.003505
Material Cost	.025075	.104135	.125638	.125733	.125638	.125733	.098687	.042529	.025985	.028588
Equipment Hours	.001676	.004733	.005497	.005457	.005497	.005457	.004437	.002330	.001629	.001753
Years										
Labor Hours	25	26	.003745	.003529	.005295	.005413	.005220	.004961	.003138	.003330
Material Cost	.028433	.027417	.049902	.051663	.049902	.051663	.051591	.048642	.023754	.026670
Equipment Hours	.001872	.001764	.002648	.002706	.002648	.002706	.002610	.002480	.001594	.001665
Years										
Labor Hours	33	34	.003493	.003330	.007431	.007663	.008566	.008659	.007947	.008464
Material Cost	.028520	.025735	.091690	.093364	.091690	.093364	.108125	.113279	.105604	.111960
Equipment Hours	.001747	.001665	.003715	.003831	.003715	.003831	.004283	.004330	.003974	.004232
Years										
Labor Hours	41	42	.009055	.006660	.005278	.004961	.003020	.003199	.003660	.003533
Material Cost	.130250	.091658	.066079	.066904	.066079	.066904	.023838	.024007	.028551	.029542
Equipment Hours	.004528	.003330	.002639	.002480	.002639	.002480	.001510	.001599	.001830	.001766
Years										
Labor Hours	49	50	.003524	.003608	.003064	.003652	.003649	.003230	.006852	.006852
Material Cost	.025853	.026131	.024781	.029367	.024781	.029367	.029681	.026758	.069237	.127869
Equipment Hours	.001762	.001804	.001532	.001826	.001532	.001826	.001824	.001615	.003426	.005640
Years										
Labor Hours	57	58	.011270	.010990	.007450	.004613	.004712	.004792	.003265	.003177
Material Cost	.129616	.126504	.080414	.043276	.080414	.043276	.044728	.045587	.024987	.025084
Equipment Hours	.005635	.005495	.003725	.002307	.003725	.002307	.002357	.002396	.001633	.001588
Years										
Labor Hours	65	66	.003518	.003880	.003637	.003295	.004118	.004143	.004399	.008070
Material Cost	.027761	.031257	.029520	.025571	.029520	.025571	.047755	.048894	.050912	.112541
Equipment Hours	.001759	.001941	.001819	.001648	.001819	.001648	.002059	.002072	.002200	.004035
Years										
Labor Hours	73	74	.007318	.007113	.007876	.007276	.008886	.008516	.006229	.004566
Material Cost	.094208	.088023	.096478	.089239	.096478	.089239	.113786	.108597	.074599	.044972
Equipment Hours	.003659	.003556	.003938	.003639	.003938	.003639	.004443	.004258	.003114	.002283

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UM = Unit of Measure ID
TD = Trade ID

FAMILY HOUSING- WHERRY

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1									
Labor Hours	.000261	.000409	.000628	.002689	.003916	.004283	.004355	.004102		
Material Cost	.001252	.001974	.002224	.013524	.041013	.034741	.015213	.022377		
Equipment Hours	.000261	.000409	.000628	.002689	.003916	.004283	.004355	.004102		
Years	9									
Labor Hours	.005778	.005847	.005046	.003706	.003254	.005650	.007360	.006104		
Material Cost	.050118	.063068	.044666	.027255	.027491	.062685	.073407	.038922		
Equipment Hours	.005778	.005847	.005046	.003706	.003254	.005650	.007360	.006104		
Years	17									
Labor Hours	.003859	.004773	.006349	.007890	.007192	.007302	.008664	.009350		
Material Cost	.027006	.034490	.043572	.050524	.053148	.052255	.064032	.081277		
Equipment Hours	.003859	.004773	.006349	.007890	.007192	.007290	.008652	.009338		
Years	25									
Labor Hours	.008550	.007736	.006784	.007432	.006220	.004533	.003117	.005684		
Material Cost	.061315	.038299	.030067	.047951	.067863	.046029	.037415	.041258		
Equipment Hours	.008550	.007736	.006784	.007432	.006220	.004521	.003117	.005684		
Years	33									
Labor Hours	.006978	.007661	.005177	.004294	.004938	.004726	.006171	.005364		
Material Cost	.090888	.097237	.05858	.051033	.055719	.055144	.058059	.053473		
Equipment Hours	.006978	.007661	.005177	.004294	.004917	.004726	.006151	.005364		
Years	41									
Labor Hours	.006411	.006285	.006220	.007235	.006917	.009174	.010190	.009307		
Material Cost	.051651	.048471	.057557	.049470	.050815	.089187	.101953	.073442		
Equipment Hours	.006411	.006265	.006220	.007215	.006917	.009162	.010179	.009295		
Years	49									
Labor Hours	.006910	.006701	.009639	.009496	.005934	.004882	.006643	.005329		
Material Cost	.054314	.050960	.083500	.085640	.051723	.058147	.064132	.051424		
Equipment Hours	.006898	.006689	.009627	.009484	.005856	.004805	.006562	.005263		
Years	57									
Labor Hours	.005453	.005774	.005553	.006957	.005803	.004850	.004286	.007064		
Material Cost	.052475	.048792	.044892	.060642	.060146	.066998	.081997	.103795		
Equipment Hours	.005420	.005699	.005481	.006910	.005728	.004785	.004233	.006990		
Years	65									
Labor Hours	.007978	.007585	.009446	.007972	.009387	.009622	.010316	.009105		
Material Cost	.117165	.11839	.11543	.11977	.152393	.155239	.144210	.147733		
Equipment Hours	.007940	.007512	.009367	.007892	.009316	.009543	.010225	.009037		
Years	73									
Labor Hours	.010370	.009745	.009711	.008427	.006540	.006151	.008700	.008069		
Material Cost	.145284	.140570	.134916	.132908	.128592	.141434	.162958	.139325		
Equipment Hours	.010270	.009644	.009647	.008312	.006455	.006051	.008587	.008003		

FAMILY HOUSING- WHERRY

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction										
Years	1									
Labor Hours	.000001	.000001	.000001	.000001	.000001	.001272	.001490	.001339	.001436	.002691
Material Cost	.000003	.000007	.000007	.000007	.000007	.005364	.021668	.023407	.023866	.029179
Equipment Hours	.000001	.000001	.000001	.000001	.000001	.001272	.001490	.001339	.001436	.002691
Years	9									
Labor Hours	.002990	.001747	.000697	.000697	.000697	.001968	.003097	.001973	.001929	.002842
Material Cost	.053268	.049302	.045507	.045507	.045507	.050900	.058203	.054489	.053754	.033907
Equipment Hours	.002990	.001747	.000697	.000697	.000697	.001968	.003085	.001948	.001905	.002817
Years	17									
Labor Hours	.002736	.000350	.000370	.000370	.000370	.003008	.003108	.001812	.001948	.003065
Material Cost	.033268	.020975	.021158	.021158	.021158	.057226	.055549	.049797	.051673	.055466
Equipment Hours	.002714	.000325	.000342	.000342	.000342	.002985	.003082	.001788	.001923	.003054
Years	25									
Labor Hours	.002391	.001168	.002077	.002077	.002077	.003404	.003363	.001989	.002537	.002255
Material Cost	.064899	.059557	.042807	.042807	.042807	.048773	.047007	.041679	.080484	.077626
Equipment Hours	.002268	.001031	.001924	.001924	.001924	.003263	.003179	.001866	.002318	.002022
Years	33									
Labor Hours	.001997	.002769	.003092	.003092	.003092	.003521	.003640	.002848	.001722	.001479
Material Cost	.061263	.066930	.080498	.080498	.080498	.083947	.083914	.057904	.053992	.053249
Equipment Hours	.001779	.002553	.002862	.002862	.002862	.003302	.003370	.002617	.001522	.001231
Years	41									
Labor Hours	.002096	.002415	.002400	.002400	.002400	.002752	.002696	.001207	.001240	.002643
Material Cost	.046447	.046112	.045983	.045983	.045983	.046806	.047143	.038867	.039208	.046746
Equipment Hours	.001999	.002332	.002313	.002313	.002313	.002666	.002610	.001135	.001155	.002568
Years	49									
Labor Hours	.003155	.002808	.002473	.002473	.002473	.002664	.001591	.001209	.002631	.002845
Material Cost	.070350	.070009	.052902	.052902	.052902	.053503	.049753	.048769	.067329	.044962
Equipment Hours	.003058	.002711	.002389	.002389	.002389	.002607	.001537	.001166	.002461	.002654
Years	57									
Labor Hours	.002737	.002484	.002489	.002489	.002489	.001856	.001843	.002274	.002111	.003386
Material Cost	.044708	.044044	.043427	.043427	.043427	.061205	.060827	.065972	.047287	.052374
Equipment Hours	.002590	.002303	.002276	.002276	.002276	.001706	.001710	.002134	.001971	.003232
Years	65									
Labor Hours	.003614	.002216	.000982	.000982	.000982	.002076	.003260	.002057	.002284	.003552
Material Cost	.068668	.063194	.035440	.035440	.035440	.039934	.047290	.042865	.071400	.076819
Equipment Hours	.003460	.002091	.000786	.000786	.000786	.001912	.003084	.001894	.002207	.003472
Years	73									
Labor Hours	.003456	.001073	.001198	.001198	.001198	.003620	.003716	.002095	.002157	.002397
Material Cost	.076452	.063907	.065585	.065585	.065585	.077987	.075443	.045264	.044434	.045631
Equipment Hours	.003375	.000997	.001119	.001119	.001119	.003525	.003604	.002013	.002039	.002340

FAMILY HOUSING- WHERRY

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1									
Labor Hours	.005436	.009177	.009177	.009177	.009177	.009177	.009488	.009521	.009619	.009387
Material Cost	.023785	.040152	.040152	.040152	.040152	.040152	.044389	.044584	.04452	.041065
Equipment Hours	.005436	.009177	.009177	.009177	.009177	.009177	.009488	.009521	.009619	.009387
Years	9									
Labor Hours	.011228	.013987	.013987	.013987	.013987	.013987	.013411	.014307	.013922	.013656
Material Cost	.049244	.061645	.061645	.061645	.061645	.061645	.071164	.099093	.094625	.088078
Equipment Hours	.011228	.013987	.013987	.013987	.013987	.013987	.013236	.013926	.013565	.013284
Years	17									
Labor Hours	.013742	.013929	.013929	.013929	.013929	.013929	.014861	.016814	.015462	.015414
Material Cost	.085428	.081946	.081946	.081946	.081946	.081946	.094640	.096989	.096295	.078492
Equipment Hours	.013376	.013564	.013564	.013564	.013564	.013564	.014485	.016453	.015076	.015237
Years	25									
Labor Hours	.014448	.012325	.012325	.012325	.012325	.012325	.012804	.013348	.015253	.015584
Material Cost	.059637	.064617	.064617	.064617	.064617	.064617	.057548	.040983	.127120	.149191
Equipment Hours	.014443	.012321	.012321	.012321	.012321	.012321	.012801	.013343	.014330	.014286
Years	33									
Labor Hours	.015303	.016739	.016739	.016739	.016739	.016739	.017538	.019108	.018318	.015783
Material Cost	.158446	.164342	.164342	.164342	.164342	.164342	.158188	.164093	.156610	.131557
Equipment Hours	.013438	.015197	.015197	.015197	.015197	.015197	.015882	.016735	.016787	.014665
Years	41									
Labor Hours	.017512	.016732	.016732	.016732	.016732	.016732	.015501	.013114	.013142	.012879
Material Cost	.159835	.117437	.117437	.117437	.117437	.117437	.115577	.103298	.104047	.093384
Equipment Hours	.015305	.015442	.015442	.015442	.015442	.015442	.014157	.011998	.012139	.011987
Years	49									
Labor Hours	.015354	.017110	.017110	.017110	.017110	.017110	.024692	.022045	.025266	.021837
Material Cost	.123348	.157451	.157451	.157451	.157451	.157451	.185089	.172202	.176310	.160659
Equipment Hours	.014054	.015642	.015642	.015642	.015642	.015642	.022232	.020314	.023684	.020635
Years	57									
Labor Hours	.023509	.024055	.024055	.024055	.024055	.024055	.023916	.024923	.026353	.024977
Material Cost	.182118	.163272	.163272	.163272	.163272	.163272	.085603	.090490	.093095	.091886
Equipment Hours	.021584	.022394	.022394	.022394	.022394	.022394	.022805	.023755	.025207	.023920
Years	65									
Labor Hours	.026544	.020431	.020431	.020431	.020431	.020431	.021171	.020795	.016661	.017757
Material Cost	.097013	.078348	.078348	.078348	.078348	.078348	.111144	.114085	.146723	.150693
Equipment Hours	.025239	.019253	.019253	.019253	.019253	.019253	.019684	.019242	.014346	.015244
Years	73									
Labor Hours	.017859	.019288	.019288	.019288	.019288	.019288	.020718	.022106	.020560	.017241
Material Cost	.161954	.164039	.164039	.164039	.164039	.164039	.164940	.152347	.12928	.101894
Equipment Hours	.014669	.016462	.016462	.016462	.016462	.016462	.017793	.018556	.018161	.015246

FAMILY HOUSING- WHERRY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000384	.001844	.005851	.004633	.004938	.005925	.005405	.007485
Material Cost	.000068	.000798	.007996	.022095	.010563	.008224	.022144	.079423
Equipment Hours	.000384	.001844	.005851	.004633	.004938	.005925	.005405	.007282
Years								
Labor Hours	.007315	.007392	.007155	.006630	.008623	.006810	.007894	.009139
Material Cost	.132414	.122778	.250425	.250422	.202284	.170219	.180358	.186441
Equipment Hours	.006888	.006972	.006501	.005955	.008183	.006564	.007656	.008879
Years								
Labor Hours	.007220	.007303	.007812	.008573	.007689	.007933	.010356	.007836
Material Cost	.185467	.224165	.277441	.29285	.143029	.135735	.098202	.068168
Equipment Hours	.006938	.006826	.007112	.007787	.006784	.006949	.009508	.007150
Years								
Labor Hours	.008510	.008089	.006817	.008373	.010986	.011450	.008944	.008690
Material Cost	.059116	.165385	.183518	.231323	.289960	.279084	.286833	.299390
Equipment Hours	.007809	.007384	.005933	.007453	.009604	.010048	.007656	.007406
Years								
Labor Hours	.010572	.006324	.007156	.007983	.008290	.009341	.008706	.008878
Material Cost	.236028	.202510	.193611	.082868	.080734	.125641	.162855	.153822
Equipment Hours	.009488	.005509	.006139	.007090	.007203	.008194	.007382	.007426
Years								
Labor Hours	.007255	.007096	.010128	.009300	.009494	.008883	.007149	.009221
Material Cost	.272840	.279429	.241387	.219003	.197491	.176308	.202968	.249060
Equipment Hours	.005792	.005646	.008945	.008287	.008562	.008030	.006445	.008094
Years								
Labor Hours	.009555	.010281	.008757	.009618	.011083	.007747	.009130	.011003
Material Cost	.293415	.276230	.130664	.123259	.072692	.056742	.063682	.199405
Equipment Hours	.008350	.008769	.007420	.008046	.009911	.006542	.007843	.009830
Years								
Labor Hours	.008592	.008711	.011302	.012895	.008274	.008578	.011061	.009813
Material Cost	.192885	.229136	.270811	.271709	.254192	.284470	.245483	.230013
Equipment Hours	.007491	.007497	.009395	.010332	.006675	.006474	.009435	.008432
Years								
Labor Hours	.011322	.009792	.009701	.010505	.008944	.011286	.008162	.008735
Material Cost	.211953	.072793	.072778	.110038	.146647	.146211	.288322	.291665
Equipment Hours	.009484	.008710	.008392	.009086	.007358	.008713	.006302	.006735
Years								
Labor Hours	.011265	.009354	.010677	.011588	.008114	.009884	.010100	.012227
Material Cost	.246075	.207642	.204095	.199258	.196348	.243783	.307652	.277234
Equipment Hours	.009658	.007818	.008827	.009485	.006859	.008135	.008303	.009217

FAMILY HOUSING- WHERRY

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0900000 HVAC										
Years	1									
Labor Hours	.000355	.006490	.006491	.006493	.006574	.006841	.006828	.006843		
Material Cost	.000523	.001622	.001624	.001634	.002676	.019034	.018345	.019002		
Equipment Hours	.000355	.006350	.006350	.006352	.006433	.006701	.006687	.006702		
Years	9									
Labor Hours	.006830	.007538	.008149	.008261	.008274	.008227	.007997	.008280		
Material Cost	.018406	.045898	.077919	.090661	.08252	.087700	.074288	.095673		
Equipment Hours	.006689	.007119	.007543	.007605	.007629	.007586	.007341	.007549		
Years	17									
Labor Hours	.008111	.008182	.008043	.007539	.007567	.007565	.007517	.007946		
Material Cost	.094773	.097318	.091446	.080764	.089819	.087924	.079111	.097189		
Equipment Hours	.007378	.007441	.007397	.007242	.007240	.007242	.007223	.007418		
Years	25									
Labor Hours	.008313	.008148	.008117	.008215	.008156	.007892	.007844	.007993		
Material Cost	.115776	.091839	.091296	.104153	.090350	.079217	.071944	.071955		
Equipment Hours	.007563	.007479	.007458	.007507	.007458	.007194	.007148	.007292		
Years	33									
Labor Hours	.007717	.007225	.007187	.007437	.007418	.007960	.008356	.008367		
Material Cost	.067037	.051002	.050731	.075087	.073693	.089990	.097818	.099786		
Equipment Hours	.007109	.006988	.006946	.007104	.007084	.007400	.007608	.007607		
Years	41									
Labor Hours	.008370	.008326	.008028	.008070	.008031	.007831	.007904	.007195		
Material Cost	.099025	.097703	.085847	.092480	.093127	.069199	.069434	.049424		
Equipment Hours	.007622	.007574	.007278	.007290	.007244	.007145	.007256	.006962		
Years	49									
Labor Hours	.007216	.007562	.007388	.007883	.008273	.008302	.008486	.008567		
Material Cost	.053585	.049451	.046662	.086741	.104593	.100982	.092159	.119565		
Equipment Hours	.006967	.007311	.007139	.007404	.007570	.007613	.007774	.007767		
Years	57									
Labor Hours	.008440	.008290	.008270	.008309	.008105	.007645	.007677	.007666		
Material Cost	.101349	.101949	.099916	.110561	.105491	.091725	.090913	.092177		
Equipment Hours	.007601	.007466	.007466	.007471	.007353	.007252	.007246	.007248		
Years	65									
Labor Hours	.007667	.008080	.008498	.008724	.008456	.008370	.008021	.007997		
Material Cost	.088876	.094975	.104233	.106183	.099964	.083478	.062318	.059093		
Equipment Hours	.007279	.007530	.007753	.007933	.007701	.007612	.007313	.007294		
Years	73									
Labor Hours	.007963	.008049	.008079	.007525	.007558	.007518	.007483	.007810		
Material Cost	.058882	.059560	.057075	.073272	.071529	.073864	.073616	.089630		
Equipment Hours	.007252	.007304	.007412	.007138	.007157	.007127	.007057	.007238		

FAMILY HOUSING- WHERRY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000070	.000693	.001233	.001123	.001294	.002186	.002144	.001825
Material Cost	.000000	.000000	.002043	.002470	.002432	.009674	.009450	.009944
Equipment Hours	.000070	.000693	.001233	.001123	.001294	.002186	.002144	.001825
Years	9	10	11	12	13	14	15	16
Labor Hours	.002574	.002175	.003514	.003264	.003433	.003013	.003454	.003873
Material Cost	.012718	.012904	.027565	.028179	.029094	.027694	.028400	.038554
Equipment Hours	.002574	.002175	.003514	.003264	.003433	.003013	.003454	.003873
Years	17	18	19	20	21	22	23	24
Labor Hours	.003800	.003647	.003853	.003502	.004647	.004148	.004307	.004642
Material Cost	.034282	.038807	.038190	.031700	.035075	.035108	.030783	.039447
Equipment Hours	.003752	.003587	.003790	.003453	.004587	.004085	.004247	.004575
Years	25	26	27	28	29	30	31	32
Labor Hours	.004714	.005051	.005273	.005140	.004902	.004916	.004923	.004695
Material Cost	.037850	.062597	.062308	.092503	.155672	.171148	.168999	.167425
Equipment Hours	.004662	.004397	.004642	.004384	.004286	.004259	.004253	.004034
Years	33	34	35	36	37	38	39	40
Labor Hours	.005375	.004956	.004896	.005319	.005205	.004838	.005542	.005300
Material Cost	.187392	.175701	.158328	.049662	.047907	.042939	.050071	.050100
Equipment Hours	.004662	.004253	.004290	.005266	.005146	.004766	.005484	.005234
Years	41	42	43	44	45	46	47	48
Labor Hours	.004722	.004468	.004563	.004276	.004674	.003085	.003029	.003097
Material Cost	.033251	.039358	.039212	.034561	.039589	.046420	.036941	.048329
Equipment Hours	.004667	.004396	.004509	.004208	.004623	.002983	.002920	.002988
Years	49	50	51	52	53	54	55	56
Labor Hours	.003344	.002919	.004977	.004266	.004549	.004508	.004652	.004801
Material Cost	.048499	.035530	.056908	.054631	.047253	.056622	.053727	.066238
Equipment Hours	.003209	.002825	.004867	.004166	.004383	.004404	.004549	.006108
Years	57	58	59	60	61	62	63	64
Labor Hours	.007062	.006851	.006671	.006630	.004993	.004808	.005501	.005235
Material Cost	.181972	.208254	.167524	.187547	.158153	.157758	.177509	.169348
Equipment Hours	.006365	.006052	.006001	.005925	.004286	.004088	.004743	.004469
Years	65	66	67	68	69	70	71	72
Labor Hours	.005147	.003868	.003722	.003454	.004166	.003751	.004813	.004587
Material Cost	.151583	.040540	.039808	.036161	.043304	.042253	.046125	.054495
Equipment Hours	.004492	.003758	.003614	.003320	.004058	.003643	.004719	.004430
Years	73	74	75	76	77	78	79	80
Labor Hours	.004573	.004173	.004559	.004880	.004869	.004848	.005100	.004705
Material Cost	.050404	.044470	.049856	.058167	.049578	.059897	.060274	.047212
Equipment Hours	.004475	.004049	.004454	.004743	.004714	.004700	.004916	.004569

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Resources Per Square Foot

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ARTS & CRAFTS CENTER

Resources Per Square Foot

Task Description	UM	TD								
0000000 Total Summary	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.007538	.015655	.017686	.018461	.019480	.018547	.020513	.025046		
Material Cost	.029145	.048211	.050456	.059166	.071611	.078240	.097136	.113441		
Equipment Hours	.004027	.012696	.014112	.015314	.016375	.014969	.017375	.021696		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.022924	.020380	.023451	.023448	.021803	.025714	.025714	.034846		
Material Cost	.155731	.21952	.232775	.217447	.255092	.556633	.565476	.538991		
Equipment Hours	.019167	.017121	.020338	.018658	.018154	.026518	.019988	.028218		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.023602	.021502	.038764	.025288	.026067	.023818	.025888	.037966		
Material Cost	.170637	.24848	.780861	.845016	.248299	.299124	.297082	.232076		
Equipment Hours	.019497	.017843	.027329	.020560	.022779	.018832	.021736	.034334		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.024569	.028810	.046273	.022770	.096230	.025172	.042086	.026822		
Material Cost	.267429	.265032	.585600	.265039	1.159848	.672208	1.422806	.318573		
Equipment Hours	.020337	.024665	.030930	.018861	.058125	.019673	.032228	.021633		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.025946	.024239	.024917	.023684	.030032	.035981	.021123	.040391		
Material Cost	.347810	.381971	.318093	.283449	.472000	.697846	.217037	1.535933		
Equipment Hours	.021862	.019795	.019856	.019607	.033334	.028470	.017777	.028252		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.034901	.021116	.028233	.023887	.030910	.027615	.026197	.030755		
Material Cost	.309622	.197965	.424030	.491939	.294884	.312925	.165016	.274339		
Equipment Hours	.027195	.017512	.021469	.019007	.025140	.023551	.023123	.026492		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.026769	.022242	.058948	.027290	.050987	.022084	.034202	.030331		
Material Cost	.395842	.199469	.390134	.491802	.758046	.226746	.471433	.589973		
Equipment Hours	.022711	.019070	.043217	.022941	.033500	.018516	.027473	.022612		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.085712	.035080	.026651	.033773	.039991	.021239	.021427	.022662		
Material Cost	1.042035	.828133	.967766	.493598	1.220596	.173334	.273730	.182023		
Equipment Hours	.051441	.025176	.021804	.026387	.032148	.017479	.017642	.018901		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.031486	.033153	.024762	.023724	.032819	.022336	.039000	.030583		
Material Cost	.459067	.536243	.239215	.275142	.214880	.277655	1.112055	.825144		
Equipment Hours	.026273	.024410	.021126	.019233	.020055	.018594	.031090	.023811		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.034091	.034710	.030422	.077965	.024076	.025570	.048367	.026522		
Material Cost	.718922	.643134	.353334	.646088	.233108	.318175	1.480547	.316006		
Equipment Hours	.025707	.026160	.025902	.050331	.020104	.021033	.031960	.023053		

ARTS & CRAFTS CENTER

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing		UM ID 2 17						
Years	1	2	3	4	5	6	7	8
Labor Hours	.003023	.003244	.004475	.003401	.003536	.004481	.003603	.003783
Material Cost	.018943	.022713	.022713	.019110	.023816	.022795	.022713	.022713
Equipment Hours	.001512	.001623	.002238	.001701	.001768	.002241	.001802	.001892
Years	9	10	11	12	13	14	15	16
Labor Hours	.004774	.003716	.003429	.004297	.003424	.017830	.005192	.004674
Material Cost	.022713	.023816	.022795	.022713	.022713	.02251	.031237	.103530
Equipment Hours	.002387	.001858	.001715	.002148	.001712	.008915	.002596	.003337
Years	17	18	19	20	21	22	23	24
Labor Hours	.005298	.003424	.006750	.004957	.003502	.004080	.004295	.004313
Material Cost	.030465	.022713	.046038	.025914	.026080	.025832	.022713	.031155
Equipment Hours	.002649	.001712	.003375	.002479	.001752	.002040	.002148	.002157
Years	25	26	27	28	29	30	31	32
Labor Hours	.004481	.004433	.026626	.003922	.005113	.003730	.009716	.004158
Material Cost	.022795	.030547	.023780	.023734	.03021	.022795	.104141	.022713
Equipment Hours	.002241	.002217	.013313	.001961	.032557	.001865	.004858	.002080
Years	33	34	35	36	37	38	39	40
Labor Hours	.003909	.004561	.004267	.003970	.003459	.004531	.003424	.005157
Material Cost	.022787	.031411	.022795	.022795	.022713	.029365	.022713	.321517
Equipment Hours	.001955	.002281	.002134	.001985	.001730	.002266	.001712	.007579
Years	41	42	43	44	45	46	47	48
Labor Hours	.004082	.003943	.008060	.003793	.008453	.005103	.003306	.004667
Material Cost	.022713	.028344	.111890	.022713	.115074	.028843	.019730	.030588
Equipment Hours	.002041	.001972	.004030	.001897	.004227	.002552	.001653	.002334
Years	49	50	51	52	53	54	55	56
Labor Hours	.004758	.003431	.003940	.004369	.026660	.004383	.003970	.004875
Material Cost	.025832	.022795	.025914	.023734	.323780	.030134	.022795	.031568
Equipment Hours	.002379	.001716	.001971	.002185	.013330	.002192	.001985	.002438
Years	57	58	59	60	61	62	63	64
Labor Hours	.058483	.010232	.003988	.009895	.004526	.004463	.003423	.004262
Material Cost	.321675	.104059	.025998	.104141	.026155	.025362	.022713	.022713
Equipment Hours	.029242	.005116	.001994	.004948	.002263	.002232	.001712	.002131
Years	65	66	67	68	69	70	71	72
Labor Hours	.003822	.014700	.004084	.003936	.004728	.003730	.005516	.007026
Material Cost	.022795	.322619	.022713	.022713	.030000	.022795	.035361	.103448
Equipment Hours	.001911	.007351	.002042	.001968	.002365	.001865	.002758	.003513
Years	73	74	75	76	77	78	79	80
Labor Hours	.003764	.007804	.005040	.004268	.003963	.004719	.026839	.003709
Material Cost	.022847	.110735	.031290	.026944	.022713	.031463	.323780	.023734
Equipment Hours	.001883	.003902	.002521	.002134	.001982	.002360	.013419	.001855

ARTS & CRAFTS CENTER

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1									
Labor Hours	.00029	.00047	.00072	.000313	.000268	.000266	.001688	.004811		
Material Cost	.000182	.000297	.000342	.001263	.001033	.000865	.004068	.011207		
Equipment Hours	.000029	.000047	.000072	.000313	.000268	.000266	.001688	.004811		
Years	9									
Labor Hours	.000400	.000986	.000917	.000289	.000375	.001956	.001232	.004174		
Material Cost	.005833	.011006	.008160	.010438	.010829	.018695	.016217	.018903		
Equipment Hours	.000400	.000986	.000917	.000289	.000375	.001956	.001232	.004174		
Years	17									
Labor Hours	.000221	.000323	.003496	.001891	.000326	.000305	.004635	.015053		
Material Cost	.008294	.005720	.006900	.011524	.007175	.009622	.014254	.018034		
Equipment Hours	.000221	.000323	.003496	.001891	.000326	.000305	.004635	.015053		
Years	25									
Labor Hours	.000437	.000269	.002372	.000561	.002789	.001166	.003525	.001002		
Material Cost	.010096	.007722	.012765	.007222	.011279	.001567	.020040	.017417		
Equipment Hours	.000437	.000269	.002372	.000561	.002789	.001166	.003489	.001002		
Years	33									
Labor Hours	.001821	.000449	.000919	.000343	.001301	.00032	.000357	.002256		
Material Cost	.009803	.008227	.013975	.009531	.011443	.010546	.003782	.008717		
Equipment Hours	.001821	.000449	.000919	.000343	.001301	.00032	.000357	.002256		
Years	41									
Labor Hours	.000298	.000455	.000940	.001423	.003654	.002009	.006763	.007878		
Material Cost	.003939	.011360	.010857	.019211	.026311	.018166	.020674	.014219		
Equipment Hours	.000298	.000455	.000940	.001423	.003654	.002009	.006763	.007878		
Years	49									
Labor Hours	.002291	.000360	.000968	.005111	.000526	.000434	.002178	.001687		
Material Cost	.019586	.009546	.014179	.013059	.007988	.027233	.012315	.027051		
Equipment Hours	.002291	.000360	.000968	.005111	.000526	.000434	.002178	.001687		
Years	57									
Labor Hours	.002276	.001256	.002412	.003662	.000390	.000419	.000537	.001073		
Material Cost	.007727	.027400	.017909	.016793	.013155	.008857	.023998	.015357		
Equipment Hours	.002276	.001256	.002412	.003662	.000390	.000419	.000501	.001073		
Years	65									
Labor Hours	.003465	.000430	.004224	.000528	.000611	.000761	.008146	.002702		
Material Cost	.020264	.006400	.016019	.028325	.015583	.029836	.036218	.035887		
Equipment Hours	.003465	.000430	.004224	.000528	.000611	.000761	.008146	.002702		
Years	73									
Labor Hours	.000911	.004550	.004974	.000597	.000579	.002177	.001582	.002905		
Material Cost	.026903	.027846	.036873	.017937	.018520	.013187	.024352	.014642		
Equipment Hours	.000911	.004550	.004974	.000597	.000579	.002177	.001582	.002905		

ARTS & CRAFTS CENTER

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000007	.000008	.000096	.000743	.000594	.000008	.000207	.000870		
Material Cost	.000089	.000120	.000428	.002719	.002190	.000120	.000825	.000674		
Equipment Hours	.000007	.000008	.000096	.000743	.000594	.000008	.000207	.000870		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.000714	.000300	.000583	.001009	.000687	.000401	.000486	.001135		
Material Cost	.019481	.020592	.022891	.024963	.026655	.020923	.013470	.006898		
Equipment Hours	.000714	.000300	.000583	.001009	.000687	.000401	.000486	.001135		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.000507	.000354	.000519	.000702	.000840	.000574	.000359	.000643		
Material Cost	.005815	.010365	.017442	.019460	.025524	.020254	.019466	.014055		
Equipment Hours	.000507	.000354	.000519	.000702	.000840	.000574	.000359	.000643		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.000865	.000480	.000061	.000709	.001173	.000594	.001085	.001467		
Material Cost	.017384	.014700	.004190	.041311	.023404	.024571	.028720	.043237		
Equipment Hours	.000865	.000480	.000061	.000709	.001173	.000594	.001085	.001467		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.001077	.000537	.000587	.001331	.000727	.000380	.000443	.000482		
Material Cost	.034975	.030872	.020270	.031154	.018213	.016125	.018913	.016992		
Equipment Hours	.001077	.000537	.000587	.001331	.000727	.000380	.000443	.000482		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.000534	.000221	.000367	.001113	.000834	.000835	.000569	.001070		
Material Cost	.011361	.009960	.010527	.022146	.018052	.021333	.021501	.022013		
Equipment Hours	.000534	.000221	.000367	.001113	.000834	.000835	.000569	.001070		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.000836	.000458	.023418	.000772	.000598	.000445	.000594	.000714		
Material Cost	.028527	.023757	.043476	.013221	.013872	.021054	.022846	.017784		
Equipment Hours	.000836	.000458	.011919	.000772	.000598	.000445	.000594	.000714		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.000647	.000529	.000418	.000480	.000762	.000462	.000288	.000748		
Material Cost	.015394	.020682	.014509	.018074	.017052	.013343	.014930	.019661		
Equipment Hours	.000647	.000529	.000418	.000480	.000762	.000462	.000288	.000748		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.001137	.001235	.000265	.000920	.001080	.000427	.000633	.001447		
Material Cost	.030397	.025743	.017867	.024516	.026786	.013626	.027376	.037497		
Equipment Hours	.001137	.001235	.000265	.000920	.001080	.000427	.000633	.001447		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.001014	.000614	.000641	.001250	.001155	.000347	.000501	.000811		
Material Cost	.031908	.030649	.031623	.029910	.027013	.014719	.015619	.025712		
Equipment Hours	.001014	.000614	.000641	.001250	.001155	.000347	.000501	.000811		

ARTS & CRAFTS CENTER
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000563	.002610	.002610	.002617	.002610	.002080	.003092	.002610
Material Cost	.004045	.014702	.014702	.014725	.014702	.010793	.017931	.014702
Equipment Hours	.000563	.002610	.002610	.002617	.002610	.002080	.003092	.002610
Years	9	10	11	12	13	14	15	16
Labor Hours	.002993	.002765	.004923	.002712	.002610	.003313	.002610	.008698
Material Cost	.017595	.018415	.025479	.015223	.014702	.015076	.014702	.130962
Equipment Hours	.002993	.002765	.004923	.002712	.002610	.003313	.002610	.007257
Years	17	18	19	20	21	22	23	24
Labor Hours	.002779	.003307	.010090	.002610	.005403	.005595	.002720	.004938
Material Cost	.015831	.015053	.278425	.014702	.022847	.126770	.014804	.020873
Equipment Hours	.002779	.003307	.006734	.002610	.005403	.004153	.002720	.004938
Years	25	26	27	28	29	30	31	32
Labor Hours	.002853	.008869	.002610	.003357	.005140	.002712	.007157	.003194
Material Cost	.017921	.024913	.014702	.021747	.019149	.015223	.023710	.018451
Equipment Hours	.002847	.008869	.002610	.003357	.005140	.002712	.007157	.003194
Years	33	34	35	36	37	38	39	40
Labor Hours	.002779	.003313	.005493	.003099	.009323	.005590	.002786	.006077
Material Cost	.015831	.015076	.126250	.017954	.274482	.040393	.014871	.129999
Equipment Hours	.002779	.003313	.004052	.003099	.005967	.005215	.002786	.004636
Years	41	42	43	44	45	46	47	48
Labor Hours	.005565	.002712	.003104	.002734	.003307	.005488	.002657	.003202
Material Cost	.023952	.015223	.019218	.014791	.015053	.019898	.015817	.018033
Equipment Hours	.005565	.002712	.003098	.002734	.003307	.005488	.002657	.003202
Years	49	50	51	52	53	54	55	56
Labor Hours	.003604	.004434	.014345	.002712	.005739	.002617	.013143	.003099
Material Cost	.017113	.018075	.068478	.015223	.128715	.014725	.282521	.017954
Equipment Hours	.003604	.004434	.014340	.002712	.004230	.002617	.009787	.003099
Years	57	58	59	60	61	62	63	64
Labor Hours	.002779	.005493	.003308	.003312	.010897	.002712	.003302	.003253
Material Cost	.015831	.126250	.015070	.018517	.047524	.015223	.015047	.021667
Equipment Hours	.002779	.004052	.003308	.003312	.010591	.002712	.003302	.003253
Years	65	66	67	68	69	70	71	72
Labor Hours	.006152	.002624	.002610	.003092	.002687	.002989	.009635	.003194
Material Cost	.027557	.014734	.014702	.017931	.016116	.061768	.759787	.018451
Equipment Hours	.005599	.002624	.002610	.003092	.002682	.002853	.006345	.003194
Years	73	74	75	76	77	78	79	80
Labor Hours	.009664	.003308	.005461	.041998	.002610	.002856	.003360	.004931
Material Cost	.276518	.015070	.069234	.284847	.014702	.017167	.003360	.020849
Equipment Hours	.006308	.003308	.005064	.025675	.002610	.002788	.003360	.004931

ARTS & CRAFTS CENTER

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000105	.000724	.001069	.001350	.001803	.001433	.001222	.001783
Material Cost	.000110	.000548	.000837	.001139	.001506	.001310	.001796	.003129
Equipment Hours	.000105	.000724	.001069	.001350	.001803	.001433	.001222	.001783
Years	9	10	11	12	13	14	15	16
Labor Hours	.002339	.001771	.001856	.001996	.001717	.001205	.001916	.002077
Material Cost	.035274	.035322	.042944	.051095	.005478	.002375	.014117	.096092
Equipment Hours	.002305	.001737	.001794	.001901	.001599	.001181	.001832	.001981
Years	17	18	19	20	21	22	23	24
Labor Hours	.001817	.001417	.001690	.001884	.004034	.001525	.001580	.001791
Material Cost	.005678	.004933	.027510	.044283	.062362	.037257	.019360	.009317
Equipment Hours	.001794	.001394	.001667	.001826	.003930	.0101491	.001547	.001791
Years	25	26	27	28	29	30	31	32
Labor Hours	.003060	.002489	.001415	.001882	.001728	.002117	.002233	.004149
Material Cost	.029254	.018567	.014045	.019759	.030503	.044080	.146540	.057024
Equipment Hours	.002562	.002075	.001336	.001788	.001671	.002021	.001990	.002943
Years	33	34	35	36	37	38	39	40
Labor Hours	.002146	.001311	.001646	.001838	.001798	.001664	.001548	.001483
Material Cost	.034488	.003558	.019881	.016117	.027983	.017836	.041911	.039280
Equipment Hours	.001985	.001295	.001497	.001771	.001613	.001552	.001394	.001371
Years	41	42	43	44	45	46	47	48
Labor Hours	.011668	.001474	.002524	.001567	.001973	.002043	.001482	.001714
Material Cost	.118888	.042187	.054106	.011217	.019194	.103835	.011644	.008999
Equipment Hours	.007440	.001345	.002025	.001567	.001856	.001881	.001408	.001688
Years	49	50	51	52	53	54	55	56
Labor Hours	.002149	.001950	.003432	.001691	.003856	.001548	.001687	.001969
Material Cost	.045061	.038376	.080433	.035596	.028213	.008361	.004497	.009494
Equipment Hours	.001896	.001843	.002536	.001631	.002740	.001527	.001687	.001948
Years	57	58	59	60	61	62	63	64
Labor Hours	.001773	.001822	.001666	.001859	.004015	.001500	.001690	.002007
Material Cost	.011754	.015898	.014959	.034238	.160759	.035137	.035304	.017595
Equipment Hours	.001773	.001798	.001643	.001801	.003734	.001443	.001536	.001977
Years	65	66	67	68	69	70	71	72
Labor Hours	.001964	.002091	.001520	.001975	.001539	.002266	.001722	.001882
Material Cost	.013899	.016496	.016037	.019610	.024034	.050924	.049577	.033280
Equipment Hours	.001907	.002039	.001490	.001863	.001500	.001876	.001549	.001831
Years	73	74	75	76	77	78	79	80
Labor Hours	.004411	.001540	.002192	.017116	.002256	.001656	.001705	.001587
Material Cost	.058618	.011973	.032665	.143750	.030860	.027122	.029754	.040767
Equipment Hours	.003102	.001481	.001958	.009415	.001817	.001495	.001585	.001458

ARTS & CRAFTS CENTER

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0900000 HVAC										
Years										
Labor Hours			.002445	.006586	.006692	.007429	.007866	.006893	.007084	.007733
Material Cost			.005776	.009632	.009690	.015669	.019906	.015953	.021276	.022354
Equipment Hours			.002445	.005249	.005355	.005982	.006329	.005556	.005747	.006273
Years										
Labor Hours			.007939	.007007	.006864	.007721	.008155	.007686	.009606	.007547
Material Cost			.020752	.072201	.011252	.023475	.117248	.028597	.397504	.103330
Equipment Hours			.006602	.005640	.005527	.006273	.006335	.006337	.006564	.005796
Years										
Labor Hours			.008087	.008198	.011551	.008694	.007289	.007638	.007748	.007149
Material Cost			.044667	.126120	.347809	.662051	.023769	.040935	.085326	.092960
Equipment Hours			.006664	.006280	.006875	.006506	.005866	.006166	.005798	.005683
Years										
Labor Hours			.008137	.007822	.008478	.007512	.013857	.010329	.007407	.008107
Material Cost			.123010	.103133	.081143	.104312	.431198	.68069	.178859	.067786
Equipment Hours			.006654	.006311	.006557	.005664	.009170	.006795	.005715	.006203
Years										
Labor Hours			.008970	.007360	.007040	.007896	.007949	.012293	.007005	.009436
Material Cost			.139259	.017561	.023486	.095274	.036325	.419381	.024847	.931883
Equipment Hours			.007006	.006023	.005703	.005916	.006526	.007561	.005543	.006428
Years										
Labor Hours			.007341	.008023	.008495	.009141	.008091	.007528	.006873	.008002
Material Cost			.029325	.047721	.173966	.354911	.040165	.026629	.010701	.114139
Equipment Hours			.005918	.006533	.006269	.006176	.006667	.006190	.005536	.006103
Years										
Labor Hours			.008420	.007453	.006987	.007960	.008112	.007513	.007141	.012571
Material Cost			.120566	.018213	.016821	.298138	.023834	.023825	.030482	.398095
Equipment Hours			.007035	.006103	.005641	.005863	.006622	.006168	.005758	.007315
Years										
Labor Hours			.014231	.010192	.008849	.007207	.008690	.007602	.007849	.007230
Material Cost			.521047	.450389	.770441	.035868	.072842	.036134	.170973	.032988
Equipment Hours			.009227	.006872	.006024	.005631	.006728	.006135	.005965	.005654
Years										
Labor Hours			.008904	.007600	.007364	.008835	.008387	.007639	.007679	.009407
Material Cost			.126005	.080831	.094599	.020612	.030825	.028087	.070795	.500571
Equipment Hours			.007012	.006263	.005823	.006485	.007041	.006302	.006003	.006203
Years										
Labor Hours			.008727	.011771	.006800	.007345	.008203	.008581	.008845	.007284
Material Cost			.212011	.348105	.012800	.035579	.036571	.130941	.917759	.094416
Equipment Hours			.006894	.007204	.005430	.005874	.006670	.006631	.006003	.005808

ARTS & CRAFTS CENTER
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical		UM TD						
		2 2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000268	.001113	.001431	.001371	.001541	.002060	.002325	.002128
Material Cost	.000000	.000200	.001345	.002546	.003271	.025383	.024494	.027831
Equipment Hours	.000268	.001113	.001431	.001371	.001541	.002060	.002325	.002128
Years	9	10	11	12	13	14	15	16
Labor Hours	.002412	.002492	.003518	.003036	.003437	.003116	.003274	.003148
Material Cost	.028860	.035574	.095308	.062699	.060160	.061607	.057992	.052963
Equipment Hours	.002412	.002492	.003518	.003036	.003437	.003116	.003274	.003148
Years	17	18	19	20	21	22	23	24
Labor Hours	.003582	.003170	.003343	.003230	.003324	.002829	.003181	.002803
Material Cost	.056640	.055743	.052948	.057817	.078693	.033638	.107716	.038756
Equipment Hours	.003573	.003166	.003339	.003225	.003315	.002829	.003159	.002793
Years	25	26	27	28	29	30	31	32
Labor Hours	.003377	.003118	.003378	.003472	.005094	.003155	.009515	.003493
Material Cost	.039353	.059306	.130598	.071293	.232726	.044583	.894445	.088697
Equipment Hours	.003372	.003113	.003347	.003468	.004288	.003151	.006485	.003493
Years	33	34	35	36	37	38	39	40
Labor Hours	.003866	.005422	.003604	.003889	.004136	.004143	.004188	.003980
Material Cost	.087886	.269367	.082170	.085760	.075966	.151072	.083105	.079843
Equipment Hours	.003861	.004612	.003604	.003879	.004131	.004117	.004170	.003980
Years	41	42	43	44	45	46	47	48
Labor Hours	.004033	.003006	.003372	.002845	.003164	.003226	.003236	.002922
Material Cost	.093285	.039307	.040861	.040937	.037992	.067925	.061183	.063744
Equipment Hours	.004019	.002992	.003367	.002827	.003159	.003212	.003226	.002917
Years	49	50	51	52	53	54	55	56
Labor Hours	.003394	.002827	.004509	.003391	.004101	.003827	.004133	.004068
Material Cost	.134314	.059425	.135984	.088200	.218463	.093520	.088800	.081467
Equipment Hours	.003353	.002827	.004495	.003382	.004057	.003817	.004128	.004064
Years	57	58	59	60	61	62	63	64
Labor Hours	.004178	.004197	.004653	.005804	.009274	.002840	.003007	.002836
Material Cost	.144689	.081153	.092993	.255734	.856798	.037044	.038175	.047254
Equipment Hours	.004152	.004193	.004648	.004999	.006244	.002835	.003007	.002813
Years	65	66	67	68	69	70	71	72
Labor Hours	.004659	.003180	.003365	.003107	.003434	.003202	.004286	.003638
Material Cost	.208289	.064612	.061888	.128375	.064669	.043454	.126756	.092158
Equipment Hours	.003858	.003175	.003341	.003081	.003425	.003188	.004272	.003633
Years	73	74	75	76	77	78	79	80
Labor Hours	.004177	.003825	.003897	.003985	.003987	.003907	.004209	.003969
Material Cost	.087374	.091662	.088974	.080799	.079441	.080890	.149276	.086092
Equipment Hours	.004172	.003802	.003897	.003981	.003968	.003907	.004183	.003960

ARTS & CRAFTS CENTER
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	2	2	3	4	5	6	7	8
Years	.001097	.001323	.001242	.001237	.001262	.001326	.001292	.001328
Labor Hours	.000000	.000000	.000399	.001995	.005188	.001022	.004033	.001832
Material Cost	.001097	.001323	.001242	.001237	.001262	.001326	.001292	.001328
Equipment Hours								
Years	.001353	.001342	.001361	.001288	.001397	.001308	.001398	.001395
Labor Hours	.007223	.005026	.003944	.004842	.003307	.007107	.020238	.026312
Material Cost	.001353	.001342	.001361	.001288	.001397	.001308	.001398	.001395
Equipment Hours								
Years	.001310	.001307	.001324	.001320	.001348	.001273	.001370	.001276
Labor Hours	.003248	.004200	.003789	.009267	.004849	.004816	.013444	.006927
Material Cost	.001310	.001307	.001324	.001320	.001348	.001273	.001370	.001276
Equipment Hours								
Years	.001360	.001329	.001333	.001355	.001336	.001368	.001449	.001251
Labor Hours	.007616	.006144	.004378	.002661	.006569	.021322	.026350	.003248
Material Cost	.001360	.001329	.001333	.001355	.001336	.001368	.001449	.001251
Equipment Hours								
Years	.001378	.001285	.001362	.001317	.001339	.001349	.001371	.001320
Labor Hours	.002701	.005897	.009267	.004864	.004874	.013127	.006896	.007702
Material Cost	.001378	.001285	.001362	.001317	.001339	.001349	.001371	.001320
Equipment Hours								
Years	.001380	.001280	.001373	.001270	.001436	.001384	.001311	.001300
Labor Hours	.006159	.003864	.002606	.006013	.022443	.026295	.003748	.002604
Material Cost	.001380	.001280	.001373	.001270	.001436	.001384	.001311	.001300
Equipment Hours								
Years	.001317	.001330	.001348	.001285	.001396	.001316	.001357	.001348
Labor Hours	.004844	.009281	.004849	.004833	.013183	.007894	.007176	.006560
Material Cost	.001317	.001330	.001348	.001285	.001396	.001316	.001357	.001348
Equipment Hours								
Years	.001345	.001361	.001355	.001353	.001435	.001241	.001332	.001252
Labor Hours	.003919	.002303	.005887	.010213	.026309	.003233	.002590	.004788
Material Cost	.001345	.001361	.001355	.001353	.001435	.001241	.001332	.001252
Equipment Hours								
Years	.001383	.001294	.001331	.001332	.001351	.001322	.001384	.001287
Labor Hours	.009861	.004808	.005360	.013059	.006867	.007163	.006185	.003851
Material Cost	.001383	.001294	.001331	.001332	.001351	.001322	.001384	.001287
Equipment Hours								
Years	.001423	.001299	.001418	.001404	.001323	.001327	.001326	.001325
Labor Hours	.002744	.007095	.021875	.026324	.003289	.002686	.004858	.009794
Material Cost	.001423	.001299	.001418	.001404	.001323	.001327	.001326	.001325
Equipment Hours								

CONT EDUCATION FAC

Resources Per Square Foot

Task Description	UM	TD								
0000000 Total Summary	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.006042	.013523	.014233	.017909	.019105	.018176	.017791	.019220		
Material Cost	.020955	.038948	.032722	.052288	.064776	.071784	.072851	.090248		
Equipment Hours	.005115	.011927	.012391	.015841	.016910	.016157	.016105	.017110		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.023416	.021206	.022886	.024760	.022043	.024757	.022880	.025018		
Material Cost	.137741	.122709	.171128	.168265	.164786	.270246	.156790	.178071		
Equipment Hours	.020923	.019291	.020964	.022379	.019656	.020752	.020357	.021663		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.024500	.020633	.035604	.031660	.035509	.029840	.022373	.024230		
Material Cost	.173235	.158984	.453251	.331247	.396296	.337401	.257134	.262547		
Equipment Hours	.021583	.018428	.026885	.025685	.029333	.024536	.019628	.021089		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.024219	.025808	.031143	.023919	.057340	.026253	.030113	.025814		
Material Cost	.262888	.390832	.503354	.363069	.690154	.396904	.623396	.393343		
Equipment Hours	.021149	.022689	.023998	.020692	.038421	.022724	.026076	.022831		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.025567	.025334	.021651	.024787	.035147	.028973	.027316	.032740		
Material Cost	.427108	.426715	.297752	.354036	.604475	.381585	.336771	.488576		
Equipment Hours	.021711	.021347	.019324	.021956	.027593	.023405	.022772	.025816		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.034962	.032161	.023773	.026362	.025864	.026896	.024199	.022053		
Material Cost	.338515	.326187	.285201	.255510	.262255	.302199	.277005	.253017		
Equipment Hours	.028503	.025859	.021252	.021823	.022432	.023085	.022047	.020076		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.026189	.025848	.040147	.037811	.040543	.045655	.041302	.039431		
Material Cost	.341225	.347873	.443880	.356497	.468595	.402082	.612575	.489650		
Equipment Hours	.023468	.023099	.037168	.034022	.034078	.041200	.034373	.034231		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.067194	.038342	.039815	.041847	.069447	.044592	.034150	.034219		
Material Cost	.776301	.390486	.433900	.435947	.738034	.472389	.408430	.263411		
Equipment Hours	.048022	.032932	.033424	.034879	.061981	.035679	.030483	.031466		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.037171	.038317	.047371	.030886	.038590	.035282	.045289	.025759		
Material Cost	.351926	.464917	.314262	.257462	.275624	.321079	.514375	.302833		
Equipment Hours	.032840	.032742	.042296	.028493	.033610	.031810	.032787	.023097		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.034029	.026674	.030456	.054896	.031019	.031858	.039346	.032559		
Material Cost	.650222	.366100	.403107	.468219	.421695	.382846	.560604	.415758		
Equipment Hours	.026435	.022136	.023984	.038321	.025660	.025353	.029544	.026357		

CONT EDUCATION FAC
Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0300000 Roofing										
Years	1									
Labor Hours	.001855	.002923	.003347	.003010	.003343	.003707	.003018	.003189		
Material Cost	.014231	.023103	.022869	.022869	.027126	.027126	.023219	.023103		
Equipment Hours	.000927	.001461	.001674	.001505	.001671	.001854	.001509	.001595		
Years	9									
Labor Hours	.003372	.003429	.003291	.003389	.003032	.004901	.004397	.003374		
Material Cost	.023103	.027764	.027360	.023334	.023103	.027532	.033639	.027245		
Equipment Hours	.001686	.001714	.001646	.001695	.001516	.003451	.002198	.001687		
Years	17									
Labor Hours	.003312	.003023	.010361	.010007	.009873	.009478	.003982	.003717		
Material Cost	.023449	.023103	.112296	.111418	.112974	.108110	.032324	.029637		
Equipment Hours	.001656	.001512	.005181	.005004	.004937	.004740	.001991	.001859		
Years	25									
Labor Hours	.003690	.003266	.011198	.003192	.031573	.003335	.003490	.003196		
Material Cost	.026876	.027022	.129122	.023632	.177749	.026876	.027245	.023449		
Equipment Hours	.001845	.001633	.005600	.001599	.015787	.001667	.001745	.001598		
Years	33									
Labor Hours	.003095	.003171	.003494	.003611	.007113	.007698	.007416	.011515		
Material Cost	.023761	.023367	.026991	.027360	.088237	.097187	.095430	.200092		
Equipment Hours	.001548	.001586	.001747	.001806	.003557	.003849	.003708	.005758		
Years	41									
Labor Hours	.006329	.008782	.008180	.007718	.004472	.004040	.003668	.003099		
Material Cost	.074795	.119195	.102197	.095664	.038813	.034579	.028314	.023564		
Equipment Hours	.003165	.004391	.004090	.003859	.002235	.002020	.001834	.001549		
Years	49									
Labor Hours	.003246	.003327	.003303	.003369	.011270	.003548	.003587	.003450		
Material Cost	.022869	.026876	.026327	.024223	.128889	.028744	.026876	.026855		
Equipment Hours	.001623	.001663	.001652	.001685	.005635	.001774	.001794	.001725		
Years	57									
Labor Hours	.031781	.003340	.008857	.008975	.009087	.010872	.003679	.003990		
Material Cost	.183519	.023903	.098659	.102316	.099422	.122090	.032670	.032587		
Equipment Hours	.015391	.001670	.004429	.004487	.004544	.003436	.001839	.001995		
Years	65									
Labor Hours	.003454	.007257	.003298	.003176	.003669	.003337	.004111	.003235		
Material Cost	.027005	.131518	.023564	.023669	.027764	.026771	.031355	.023787		
Equipment Hours	.001727	.003629	.001649	.001588	.001835	.001668	.002056	.001618		
Years	73									
Labor Hours	.003217	.003839	.004392	.004336	.007245	.006911	.015162	.007495		
Material Cost	.024400	.028157	.040170	.026676	.089560	.088107	.192747	.096322		
Equipment Hours	.001608	.001920	.002196	.001718	.003623	.003456	.007581	.003747		

CONT EDUCATION FAC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1			2	3	4	5	6	7	8
Labor Hours	.000080		.000166	.000166	.000169	.002184	.002580	.001925	.002132	.001681
Material Cost	.000380		.000741	.000741	.000741	.005910	.001117	.001834	.003208	.007215
Equipment Hours	.000080		.000166	.000166	.000169	.002184	.002580	.001925	.002132	.001681
Years	9		10	11	12	13	14	15	16	
Labor Hours	.002770		.002833	.002301	.003624	.001847	.002214	.003237	.002684	
Material Cost	.026629		.024044	.022827	.029921	.026623	.023822	.024627	.008064	
Equipment Hours	.002770		.002833	.002301	.003624	.001847	.002214	.003237	.002684	
Years	17		18	19	20	21	22	23	24	
Labor Hours	.002478		.001210	.001786	.003089	.003367	.003275	.003132	.004048	
Material Cost	.008262		.003916	.003941	.026531	.028053	.025372	.025433	.029822	
Equipment Hours	.002469		.001210	.001786	.003089	.003367	.003275	.003132	.004048	
Years	25		26	27	28	29	30	31	32	
Labor Hours	.003382		.002817	.002481	.002749	.002830	.002848	.003441	.003522	
Material Cost	.029206		.034985	.017053	.021014	.023334	.017358	.069391	.074774	
Equipment Hours	.003382		.002817	.002481	.002749	.002830	.002848	.003441	.003522	
Years	33		34	35	36	37	38	39	40	
Labor Hours	.003032		.003255	.003010	.003970	.004199	.002728	.002339	.003225	
Material Cost	.077946		.072854	.069967	.077848	.086399	.054670	.060447	.063127	
Equipment Hours	.003032		.003255	.003010	.003970	.004199	.002728	.002339	.003225	
Years	41		42	43	44	45	46	47	48	
Labor Hours	.002943		.004067	.001537	.002817	.004330	.003628	.005031	.003834	
Material Cost	.047698		.062442	.041858	.052247	.056139	.079227	.078421	.082805	
Equipment Hours	.002681		.003315	.001988	.002555	.004068	.003357	.005031	.003834	
Years	49		50	51	52	53	54	55	56	
Labor Hours	.004111		.004389	.003887	.004660	.003622	.003320	.003932	.005266	
Material Cost	.101839		.102116	.074573	.076866	.077845	.073082	.073415	.043656	
Equipment Hours	.004111		.004389	.003887	.004660	.003622	.003320	.003932	.005266	
Years	57		58	59	60	61	62	63	64	
Labor Hours	.003927		.002017	.001794	.002841	.003680	.003080	.002856	.003247	
Material Cost	.039846		.026625	.025601	.047628	.053043	.049533	.053441	.058189	
Equipment Hours	.003918		.002017	.001785	.002832	.003668	.003080	.002838	.003247	
Years	65		66	67	68	69	70	71	72	
Labor Hours	.004011		.003095	.003476	.002717	.002827	.003065	.003495	.004128	
Material Cost	.058964		.053230	.039167	.042527	.040947	.036226	.067888	.071657	
Equipment Hours	.004011		.003095	.003476	.002717	.002827	.003065	.003495	.004128	
Years	73		74	75	76	77	78	79	80	
Labor Hours	.003755		.003400	.009231	.004334	.004757	.003996	.003490	.003748	
Material Cost	.079492		.077462	.188610	.078636	.079409	.067677	.057151	.062131	
Equipment Hours	.003746		.003400	.006549	.004334	.004757	.003996	.003490	.003748	

CONT EDUCATION FAC
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0500000 Interior Construction								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000007	.000008	.000051	.000523	.000519	.000191	.000391	.000953
Material Cost	.000081	.000105	.000303	.002138	.000167	.006778	.007525	.014002
Equipment Hours	.000007	.000008	.000051	.000523	.000519	.000191	.000391	.000953
Years	9	10	11	12	13	14	15	16
Labor Hours	.000802	.000463	.000382	.000707	.000483	.000579	.000604	.000836
Material Cost	.017687	.017511	.015503	.017037	.017321	.017187	.017795	.010928
Equipment Hours	.000802	.000463	.000382	.000707	.000483	.000579	.000604	.000836
Years	17	18	19	20	21	22	23	24
Labor Hours	.000635	.000455	.000291	.000752	.000837	.000777	.000471	.000891
Material Cost	.009171	.013034	.032311	.018201	.019230	.018963	.017772	.018093
Equipment Hours	.000592	.000411	.000801	.000709	.000794	.000777	.000427	.000836
Years	25	26	27	28	29	30	31	32
Labor Hours	.000860	.000484	.000277	.001074	.001239	.000706	.000743	.000913
Material Cost	.018011	.018955	.013658	.026568	.027767	.024248	.029786	.031360
Equipment Hours	.000860	.000484	.000277	.001062	.001239	.000706	.000743	.000913
Years	33	34	35	36	37	38	39	40
Labor Hours	.000717	.000877	.000892	.001215	.001606	.001144	.000764	.000644
Material Cost	.025629	.026712	.025595	.028532	.044825	.028952	.021688	.023789
Equipment Hours	.000673	.000833	.000892	.001172	.001173	.001000	.000764	.000600
Years	41	42	43	44	45	46	47	48
Labor Hours	.000477	.000573	.000856	.000584	.000675	.000588	.000553	.000510
Material Cost	.011697	.011122	.012708	.013323	.017830	.015726	.015490	.015320
Equipment Hours	.000434	.000530	.000855	.000584	.000675	.000588	.000553	.000510
Years	49	50	51	52	53	54	55	56
Labor Hours	.000643	.000861	.000843	.000628	.000480	.000584	.001684	.000887
Material Cost	.019064	.020558	.015174	.015235	.014024	.016936	.041195	.027039
Equipment Hours	.000643	.000861	.000789	.000584	.000480	.000541	.001241	.000743
Years	57	58	59	60	61	62	63	64
Labor Hours	.000860	.000910	.000951	.000402	.000560	.000544	.000418	.001185
Material Cost	.021559	.025436	.024918	.023080	.019843	.019315	.015151	.025642
Equipment Hours	.000860	.000855	.000907	.000602	.000560	.000544	.000418	.001185
Years	65	66	67	68	69	70	71	72
Labor Hours	.001051	.000880	.000527	.000846	.000979	.000796	.000670	.001076
Material Cost	.026689	.030450	.024117	.027416	.024905	.025937	.018582	.020377
Equipment Hours	.001051	.000880	.000527	.000846	.000936	.000753	.000670	.001033
Years	73	74	75	76	77	78	79	80
Labor Hours	.001752	.000714	.000389	.001030	.001012	.000721	.000580	.000920
Material Cost	.039074	.023279	.019699	.020128	.021218	.017809	.016374	.020880
Equipment Hours	.001320	.000570	.000389	.000986	.000969	.000710	.000537	.000920

CONT EDUCATION FAC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.008003	.002125	.002049	.002125	.002051	.002135	.002212	.002335		
Material Cost	.003348	.008960	.008441	.008960	.008788	.008994	.009907	.010119		
Equipment Hours	.000803	.002125	.002049	.002125	.002051	.002135	.002212	.002335		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.004416	.004104	.005443	.004724	.003278	.003471	.003099	.005642		
Material Cost	.027929	.015955	.017440	.013617	.011426	.028830	.010716	.033620		
Equipment Hours	.004190	.004104	.005443	.004724	.003278	.003471	.003099	.004720		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.005077	.004468	.011002	.003389	.008021	.004662	.003550	.003597		
Material Cost	.044978	.030948	.223557	.032958	.049007	.013518	.030020	.028460		
Equipment Hours	.004612	.004225	.008277	.005150	.007782	.004662	.003307	.003358		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.003113	.005922	.003537	.003583	.004955	.005157	.008363	.004908		
Material Cost	.025482	.066547	.040956	.042021	.015050	.042863	.070245	.42528		
Equipment Hours	.002887	.005696	.003453	.003502	.004955	.005076	.007526	.004824		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.004191	.003481	.002587	.003316	.008486	.004127	.005037	.005237		
Material Cost	.072173	.028293	.039116	.057902	.206621	.063892	.014750	.032154		
Equipment Hours	.003645	.003241	.002506	.002993	.005966	.003444	.005037	.004998		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.008955	.004054	.003371	.003932	.003892	.005480	.003384	.003208		
Material Cost	.048061	.032924	.010876	.011712	.012588	.018285	.012283	.010754		
Equipment Hours	.004389	.005815	.003371	.003928	.003889	.004796	.003384	.003208		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.005359	.004074	.019004	.017248	.011939	.024708	.017217	.016301		
Material Cost	.029933	.014563	.123279	.069587	.034943	.088806	.230035	.100256		
Equipment Hours	.005130	.004070	.018540	.015629	.011936	.023088	.014606	.014238		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.013985	.016895	.013915	.016443	.041300	.016298	.013642	.013858		
Material Cost	.078678	.096614	.053041	.077077	.160764	.078061	.063545	.037810		
Equipment Hours	.013678	.015191	.013676	.014982	.040463	.014743	.013561	.013858		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.016143	.013624	.026300	.012215	.018574	.015727	.023890	.004547		
Material Cost	.091581	.079272	.089213	.040119	.091711	.073163	.227655	.037069		
Equipment Hours	.014457	.012823	.024196	.012067	.016176	.014768	.014318	.004249		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.012524	.005251	.004244	.018030	.005465	.007715	.006490	.007471		
Material Cost	.292830	.080037	.033410	.095953	.051450	.051618	.048690	.027112		
Equipment Hours	.007513	.003848	.003375	.011480	.004448	.005439	.005331	.006092		

CONT EDUCATION FAC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000131	.000557	.000804	.001832	.002265	.001197	.001060	.001736
Material Cost	.000057	.000366	.000746	.001846	.001925	.001234	.002212	.003487
Equipment Hours	.000131	.000557	.000772	.001431	.001679	.001165	.001020	.001399
Years								
Labor Hours	.002419	.001323	.001734	.002294	.002750	.001437	.001683	.002515
Material Cost	.009105	.009930	.018434	.012375	.012615	.004792	.005344	.018877
Equipment Hours	.001974	.001278	.001715	.001927	.002187	.001434	.001648	.002127
Years								
Labor Hours	.002721	.001408	.001444	.002256	.003133	.001644	.001608	.002242
Material Cost	.008574	.008377	.010037	.058823	.070569	.063117	.063341	.052460
Equipment Hours	.002293	.001309	.001384	.001907	.002624	.001584	.001535	.001730
Years								
Labor Hours	.002886	.001899	.001925	.001569	.002724	.002713	.001747	.001747
Material Cost	.035998	.076224	.054220	.055030	.061024	.064271	.084262	.018797
Equipment Hours	.002356	.001799	.001824	.001442	.002161	.002238	.001936	.001659
Years								
Labor Hours	.002711	.002769	.001422	.001735	.002773	.002405	.001380	.001712
Material Cost	.022052	.014492	.012789	.013654	.017016	.018062	.016380	.020145
Equipment Hours	.002269	.002143	.001351	.001631	.002255	.001880	.001266	.001470
Years								
Labor Hours	.006032	.002620	.001563	.001589	.002555	.003047	.001950	.001575
Material Cost	.050546	.025639	.021273	.015927	.062076	.076473	.053544	.053482
Equipment Hours	.003922	.002042	.001445	.001498	.001934	.002516	.001903	.001510
Years								
Labor Hours	.002530	.002798	.002330	.001717	.002336	.002797	.003083	.001641
Material Cost	.059398	.038930	.065787	.059148	.058606	.056547	.053937	.053047
Equipment Hours	.001966	.002197	.001983	.001634	.002031	.002302	.002302	.001618
Years								
Labor Hours	.002125	.003085	.002335	.002336	.002073	.002884	.002521	.002286
Material Cost	.008405	.013502	.011352	.016031	.038753	.018381	.018732	.015153
Equipment Hours	.001830	.002305	.001995	.001881	.001895	.002253	.002098	.001927
Years								
Labor Hours	.002042	.002904	.003369	.001783	.002158	.002349	.002546	.002514
Material Cost	.017026	.018033	.016338	.011056	.012341	.062197	.069717	.063609
Equipment Hours	.001671	.002306	.002661	.001722	.001788	.001820	.001987	.002123
Years								
Labor Hours	.001890	.003185	.002289	.017759	.001989	.001955	.003061	.002500
Material Cost	.067264	.063225	.037832	.121627	.060657	.060077	.065042	.066723
Equipment Hours	.001676	.002430	.001848	.004795	.001629	.001743	.002311	.002061

COM - EDUCATION FAC
 Resources Per Square Foot

Task Description	UM	ID	2	2
1100000 Interior Electrical				
Years	1	2	3	4
Labor Hours	.000295	.001121	.001222	.001294
Material Cost	.000000	.000013	.000299	.001652
Equipment Hours	.000295	.001125	.001222	.001294
Years	9	10	11	12
Labor Hours	.002207	.002162	.002634	.002461
Material Cost	.016953	.017632	.047180	.038662
Equipment Hours	.002207	.002162	.002634	.002461
Years	17	18	19	20
Labor Hours	.002655	.002596	.002624	.002563
Material Cost	.035296	.036013	.034871	.034470
Equipment Hours	.002649	.002591	.002619	.002559
Years	25	26	27	28
Labor Hours	.002452	.002596	.002899	.002803
Material Cost	.026911	.039603	.101424	.056305
Equipment Hours	.002447	.002589	.002814	.002735
Years	33	34	35	36
Labor Hours	.002961	.002943	.003011	.003108
Material Cost	.063961	.103996	.074972	.069905
Equipment Hours	.002951	.002865	.002942	.003045
Years	41	42	43	44
Labor Hours	.002633	.002382	.002440	.002246
Material Cost	.042585	.030018	.053454	.026975
Equipment Hours	.002621	.002374	.002424	.002236
Years	49	50	51	52
Labor Hours	.002496	.002505	.003238	.002807
Material Cost	.056728	.069423	.072896	.057851
Equipment Hours	.002481	.002490	.003234	.002802
Years	57	58	59	60
Labor Hours	.003087	.003311	.003364	.003203
Material Cost	.074973	.070962	.071694	.064592
Equipment Hours	.003070	.003242	.003295	.003187
Years	65	66	67	68
Labor Hours	.002336	.002669	.002782	.002572
Material Cost	.041610	.079618	.051807	.039902
Equipment Hours	.002262	.002593	.002713	.002563
Years	73	74	75	76
Labor Hours	.003129	.002928	.002938	.002992
Material Cost	.088405	.058489	.058772	.084195
Equipment Hours	.003115	.002918	.002927	.002982
Years	8	7	6	5
Labor Hours	.001975	.002056	.001979	.001338
Material Cost	.015054	.014892	.014631	.001386
Equipment Hours	.001975	.002056	.001979	.001338
Years	16	15	14	13
Labor Hours	.002587	.002671	.002597	.002691
Material Cost	.034586	.039631	.039184	.038308
Equipment Hours	.002582	.002667	.002581	.002667
Years	24	23	22	21
Labor Hours	.002256	.002282	.002230	.002339
Material Cost	.026150	.027283	.026331	.035941
Equipment Hours	.002251	.002278	.002223	.002336
Years	32	31	30	29
Labor Hours	.003075	.004508	.002731	.002641
Material Cost	.086583	.265337	.083483	.043059
Equipment Hours	.003006	.003714	.002656	.002631
Years	40	39	38	37
Labor Hours	.003195	.003126	.003146	.003077
Material Cost	.083990	.055242	.056378	.082952
Equipment Hours	.003181	.003116	.003136	.003067
Years	48	47	46	45
Labor Hours	.002415	.002546	.002606	.002423
Material Cost	.040262	.067205	.040836	.028188
Equipment Hours	.002405	.002530	.002597	.002412
Years	56	55	54	53
Labor Hours	.003145	.003099	.002930	.003055
Material Cost	.087498	.058930	.060490	.090931
Equipment Hours	.003131	.003094	.002926	.003042
Years	64	63	62	61
Labor Hours	.002255	.002582	.002330	.004070
Material Cost	.033272	.083534	.042720	.238389
Equipment Hours	.002239	.002502	.002263	.003275
Years	72	71	70	69
Labor Hours	.002877	.003069	.002595	.002742
Material Cost	.058363	.067982	.069605	.042246
Equipment Hours	.002866	.003060	.002579	.002731
Years	80	79	78	77
Labor Hours	.002997	.003133	.002983	.002983
Material Cost	.082727	.101579	.055163	.085027
Equipment Hours	.002987	.003115	.002978	.002971

CONT EDUCATION FAC
 Resources Per Square Foot

Task Description	System	UM	ID	2	2
1200000 Special Inter. Electr.					
Years	1	2	3	4	5
Labor Hours	.000049	.000092	.000088	.00092	.00089
Material Cost	.000000	.000000	.000000	.000000	.000197
Equipment Hours	.000049	.000092	.000088	.00092	.000089
Years	9	10	11	12	13
Labor Hours	.000126	.000123	.000153	.00145	.000151
Material Cost	.000338	.000135	.001184	.00165	.001062
Equipment Hours	.000126	.000123	.000153	.00145	.000151
Years	17	18	19	20	21
Labor Hours	.000134	.000136	.000128	.000130	.000129
Material Cost	.000962	.001081	.000948	.000999	.000831
Equipment Hours	.000134	.000136	.000128	.000130	.000129
Years	25	26	27	28	29
Labor Hours	.000127	.000147	.000146	.000153	.000150
Material Cost	.000626	.001571	.001060	.001072	.001198
Equipment Hours	.000127	.000147	.000146	.000153	.000150
Years	33	34	35	36	37
Labor Hours	.000140	.000140	.000142	.000142	.000144
Material Cost	.000846	.000948	.001288	.000862	.000634
Equipment Hours	.000140	.000140	.000142	.000142	.000144
Years	41	42	43	44	45
Labor Hours	.000149	.000141	.000134	.000131	.000139
Material Cost	.001322	.001056	.001160	.001164	.001085
Equipment Hours	.000149	.000141	.000134	.000131	.000139
Years	49	50	51	52	53
Labor Hours	.000136	.000129	.000136	.000139	.000148
Material Cost	.001081	.001009	.000835	.000870	.000355
Equipment Hours	.000136	.000129	.000136	.000139	.000148
Years	57	58	59	60	61
Labor Hours	.000164	.000161	.000155	.000155	.000147
Material Cost	.001126	.001079	.001222	.001119	.005349
Equipment Hours	.000164	.000161	.000155	.000155	.000147
Years	65	66	67	68	69
Labor Hours	.000123	.000127	.000126	.000136	.000139
Material Cost	.001127	.000824	.000720	.000451	.000873
Equipment Hours	.000123	.000127	.000126	.000136	.000139
Years	73	74	75	76	77
Labor Hours	.000162	.000155	.000159	.000158	.000147
Material Cost	.000966	.001216	.001252	.005499	.000930
Equipment Hours	.000162	.000155	.000159	.000158	.000147
Years	81	82	83	84	85
Labor Hours	.000123	.000120	.000125	.000120	.000123
Material Cost	.000135	.000135	.000125	.000125	.000123
Equipment Hours	.000123	.000120	.000125	.000120	.000123
Years	15	16	17	18	19
Labor Hours	.000145	.000150	.000145	.000145	.000150
Material Cost	.001029	.005411	.001029	.001382	.001062
Equipment Hours	.000145	.000150	.000145	.000147	.000151
Years	23	24	25	26	27
Labor Hours	.000118	.000117	.000118	.000120	.000129
Material Cost	.000546	.000573	.000546	.000705	.000831
Equipment Hours	.000118	.000117	.000118	.000120	.000129
Years	31	32	33	34	35
Labor Hours	.000155	.000145	.000155	.000144	.000150
Material Cost	.005482	.001176	.005482	.001092	.001198
Equipment Hours	.000155	.000145	.000155	.000144	.000150
Years	39	40	41	42	43
Labor Hours	.000147	.000141	.000147	.000148	.000144
Material Cost	.000767	.000661	.000767	.000617	.000634
Equipment Hours	.000147	.000141	.000147	.000148	.000144
Years	47	48	49	50	51
Labor Hours	.000128	.000131	.000128	.000144	.000139
Material Cost	.001008	.000952	.001008	.005468	.001085
Equipment Hours	.000128	.000131	.000128	.000144	.000139
Years	55	56	57	58	59
Labor Hours	.000145	.000159	.000145	.000143	.000148
Material Cost	.000791	.001472	.000791	.000754	.000355
Equipment Hours	.000145	.000159	.000145	.000143	.000148
Years	63	64	65	66	67
Labor Hours	.000115	.000115	.000115	.000128	.000147
Material Cost	.001050	.000910	.001050	.001012	.005349
Equipment Hours	.000115	.000115	.000115	.000128	.000147
Years	71	72	73	74	75
Labor Hours	.000154	.000154	.000132	.000136	.000139
Material Cost	.001452	.001203	.000505	.000451	.000873
Equipment Hours	.000154	.000154	.000132	.000136	.000139
Years	79	80	81	82	83
Labor Hours	.000139	.000137	.000145	.000158	.000147
Material Cost	.000968	.001159	.001122	.005499	.000930
Equipment Hours	.000139	.000137	.000145	.000158	.000147

PHYSICAL FITNESS CENTER
 Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.007751	.017930	.020180	.022554	.026872	.024333	.024168	.030432		
Material Cost	.032248	.078271	.080979	.094647	.115641	.128233	.140951	.163995		
Equipment Hours	.005917	.014637	.016358	.019133	.023495	.020774	.020419	.026845		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.036013	.030433	.039207	.027114	.037813	.034639	.043084	.030728		
Material Cost	.281313	.229491	.421766	.319199	.361432	.493889	.516281	.373034		
Equipment Hours	.030439	.026036	.034378	.022265	.032418	.026278	.035004	.026685		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.035847	.029834	.038466	.032807	.049329	.031802	.035260	.040634		
Material Cost	.305001	.290849	.493134	.319677	.737842	.308133	.289172	.325134		
Equipment Hours	.030599	.024691	.031445	.026571	.042449	.027124	.029932	.024922		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.041544	.052142	.050428	.043485	.038462	.041419	.630825	.054687		
Material Cost	.388020	.613541	.553655	.533760	.511846	.587327	1.744047	.586727		
Equipment Hours	.034674	.041847	.035264	.033073	.031299	.032440	.329676	.038935		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.039105	.031085	.029138	.035130	.049243	.039033	.037623	.041440		
Material Cost	.579388	.444703	.371596	.385315	.496347	.541070	.501156	.640878		
Equipment Hours	.032025	.025861	.023329	.028630	.041719	.030805	.030733	.029926		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.078594	.036391	.034619	.032220	.035661	.034304	.037554	.038962		
Material Cost	1.151326	.495318	.285882	.374076	.348940	.379534	.312418	.279441		
Equipment Hours	.055386	.026905	.029896	.026783	.030592	.028734	.032623	.035165		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.034405	.030807	.073768	.044522	.037374	.040073	.036047	.037841		
Material Cost	.398636	.340508	.699751	.478142	.594813	.612359	.519231	.464215		
Equipment Hours	.029252	.026101	.058510	.035976	.041736	.029219	.028832	.030009		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.046102	.037512	.046941	.040725	.637740	.033274	.057336	.035856		
Material Cost	.598020	.540480	.721513	.400737	1.768875	.344295	.686551	.433365		
Equipment Hours	.036926	.030563	.036237	.031730	.337172	.027879	.039056	.028631		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.049039	.039645	.038976	.034975	.035968	.039324	.052553	.031584		
Material Cost	.493218	.524248	.467509	.371971	.378652	.393023	.566057	.386957		
Equipment Hours	.039590	.030179	.031020	.026941	.030229	.030006	.046399	.027095		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.049056	.037347	.076504	.049699	.044315	.039564	.058414	.046199		
Material Cost	.664721	.474656	.656736	.440180	.382285	.449765	.679432	.534043		
Equipment Hours	.040411	.030325	.052613	.039572	.037829	.029680	.042010	.033495		

PHYSICAL FITNESS CENTER

Resources Per Square Foot

Task Description	UM	ID	2	17
0300000 Roofing				
Years	1			
Labor Hours	.003668	2		
Material Cost	.018508	.005614		
Equipment Hours	.001834	.033070		
		.002807		
Years	9			
Labor Hours	.008399	10		
Material Cost	.063895	.007652		
Equipment Hours	.004200	.065062		
		.003826		
Years	17			
Labor Hours	.007163	18		
Material Cost	.040236	.008166		
Equipment Hours	.003583	.060653		
		.004083		
Years	25			
Labor Hours	.008377	26		
Material Cost	.059630	.012044		
Equipment Hours	.004189	.115462		
		.006023		
Years	33			
Labor Hours	.006043	34		
Material Cost	.030860	.006081		
Equipment Hours	.003022	.036642		
		.003042		
Years	41			
Labor Hours	.013181	42		
Material Cost	.326989	.005943		
Equipment Hours	.006591	.039776		
		.002972		
Years	49			
Labor Hours	.006007	50		
Material Cost	.030546	.005168		
Equipment Hours	.003004	.027560		
		.002585		
Years	57			
Labor Hours	.006108	58		
Material Cost	.038258	.008037		
Equipment Hours	.003054	.059199		
		.004019		
Years	65			
Labor Hours	.011094	66		
Material Cost	.169544	.015048		
Equipment Hours	.005547	.283062		
		.007524		
Years	73			
Labor Hours	.012572	74		
Material Cost	.155345	.008557		
Equipment Hours	.006287	.071622		
		.004279		
Years	81			
Labor Hours	.005827	82		
Material Cost	.030030	.005827		
Equipment Hours	.002914	.030030		
		.003031		
Years	16			
Labor Hours	.005710	17		
Material Cost	.030533	.012368		
Equipment Hours	.002855	.183554		
		.006185		
Years	24			
Labor Hours	.006101	25		
Material Cost	.038477	.006144		
Equipment Hours	.003051	.030987		
		.003072		
Years	32			
Labor Hours	.026804	33		
Material Cost	.147000	.007882		
Equipment Hours	.013402	.067555		
		.003942		
Years	40			
Labor Hours	.017760	39		
Material Cost	.327018	.009347		
Equipment Hours	.008881	.135297		
		.074674		
Years	48			
Labor Hours	.005613	47		
Material Cost	.032581	.007787		
Equipment Hours	.002807	.066204		
		.003894		
Years	56			
Labor Hours	.010623	55		
Material Cost	.059711	.007993		
Equipment Hours	.005312	.068097		
		.003997		
Years	64			
Labor Hours	.008137	63		
Material Cost	.064013	.026449		
Equipment Hours	.004069	.144522		
		.013225		
Years	72			
Labor Hours	.006431	71		
Material Cost	.036072	.009300		
Equipment Hours	.003216	.075065		
		.004650		
Years	80			
Labor Hours	.013768	79		
Material Cost	.138455	.024793		
Equipment Hours	.006885	.282814		
		.012397		

PHYSICAL FITNESS CENTER

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0400000 Exterior Closure	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000178	.000277	.000521	.002498	.003396	.003018	.002086	.008600
Material Cost	.000636	.001052	.001381	.005639	.009937	.009242	.009014	.025575
Equipment Hours	.000178	.000277	.000521	.002498	.003396	.003018	.002086	.008600
Years	9	10	11	12	13	14	15	16
Labor Hours	.004273	.005622	.003980	.001918	.002835	.003091	.010655	.003338
Material Cost	.017725	.024865	.028199	.025244	.029128	.048311	.056490	.034543
Equipment Hours	.004273	.005622	.003980	.001918	.002835	.003091	.010650	.003338
Years	17	18	19	20	21	22	23	24
Labor Hours	.003741	.004902	.006557	.003901	.003360	.008063	.007670	.014600
Material Cost	.030721	.018327	.023930	.018131	.016963	.027631	.030136	.036076
Equipment Hours	.003741	.004902	.006552	.003901	.003360	.008063	.007670	.014600
Years	25	26	27	28	29	30	31	32
Labor Hours	.005359	.007459	.003607	.003750	.004289	.008926	.001661	.005095
Material Cost	.029521	.027828	.020560	.015946	.041528	.052447	.039607	.046057
Equipment Hours	.005359	.007459	.003607	.003750	.004263	.008901	.001625	.005064
Years	33	34	35	36	37	38	39	40
Labor Hours	.005219	.005015	.001662	.005930	.007937	.005794	.005611	.002739
Material Cost	.030133	.027952	.019878	.03494	.038159	.032476	.029559	.019999
Equipment Hours	.005188	.004985	.001626	.005899	.007912	.005768	.005605	.002733
Years	41	42	43	44	45	46	47	48
Labor Hours	.004385	.003502	.006240	.006775	.007063	.005957	.007523	.013775
Material Cost	.019720	.033379	.044286	.065508	.065311	.066503	.062604	.052110
Equipment Hours	.004378	.002991	.006240	.006768	.007056	.005950	.007514	.013761
Years	49	50	51	52	53	54	55	56
Labor Hours	.002893	.004671	.004052	.007695	.005799	.002959	.004124	.006063
Material Cost	.046524	.048208	.026405	.028835	.034248	.026549	.031676	.036270
Equipment Hours	.002881	.004664	.004046	.007683	.005780	.002937	.004105	.006044
Years	57	58	59	60	61	62	63	64
Labor Hours	.007782	.005946	.003695	.005906	.004100	.004055	.002402	.007400
Material Cost	.039935	.050837	.048534	.057976	.029879	.035255	.034086	.074271
Equipment Hours	.007783	.005928	.003677	.005887	.004078	.004016	.002358	.006549
Years	65	66	67	68	69	70	71	72
Labor Hours	.008839	.005330	.006068	.003102	.005468	.005164	.015796	.006730
Material Cost	.046656	.040596	.050691	.047689	.046624	.052876	.081067	.077671
Equipment Hours	.008795	.005287	.006019	.003035	.005425	.005114	.015778	.006711
Years	73	74	75	76	77	78	79	80
Labor Hours	.007853	.008085	.010589	.002797	.007847	.003762	.008105	.004707
Material Cost	.078814	.082770	.129139	.048871	.047079	.049656	.054327	.048921
Equipment Hours	.007834	.008066	.008985	.002772	.007829	.003743	.008087	.004683

PHYSICAL FITNESS CENTER

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
0500000	Interior Construction								
Years									
Labor Hours	.000003	.000005	.000027	.000411	.000396	.000027	.000090	.000578	
Material Cost	.000027	.000044	.000116	.001446	.002543	.001606	.001537	.004750	
Equipment Hours	.000003	.000005	.000027	.000411	.000396	.000027	.000090	.000578	
Years									
Labor Hours	.000522	.000162	.000254	.000568	.000529	.000214	.000357	.000693	
Material Cost	.012881	.010675	.013336	.014261	.014081	.012098	.012641	.008182	
Equipment Hours	.000520	.000162	.000254	.000568	.000529	.000214	.000357	.000654	
Years									
Labor Hours	.000402	.000133	.000241	.000500	.000610	.000358	.000184	.000483	
Material Cost	.005304	.004966	.007240	.012765	.013608	.012641	.010327	.011477	
Equipment Hours	.000399	.000133	.000197	.000500	.000571	.000358	.000184	.000483	
Years									
Labor Hours	.000566	.000359	.000096	.000522	.000671	.000207	.000522	.000722	
Material Cost	.014000	.013674	.005712	.008829	.010598	.008694	.020076	.021304	
Equipment Hours	.000564	.000353	.000096	.000522	.000671	.000201	.000522	.000722	
Years									
Labor Hours	.000651	.000422	.000398	.000767	.000990	.000252	.000374	.000315	
Material Cost	.020477	.019301	.016944	.018071	.019552	.009547	.014453	.011508	
Equipment Hours	.000649	.000377	.000398	.000767	.000808	.000229	.000336	.000315	
Years									
Labor Hours	.000270	.000249	.000366	.000569	.000536	.000366	.000329	.000561	
Material Cost	.009326	.009561	.008928	.011010	.012596	.011002	.011732	.012098	
Equipment Hours	.000267	.000249	.000366	.000569	.000536	.000366	.000329	.000561	
Years									
Labor Hours	.000586	.000428	.004279	.001823	.000476	.000239	.000357	.000494	
Material Cost	.017523	.015759	.016106	.015181	.013631	.012775	.015319	.009268	
Equipment Hours	.000584	.000428	.002277	.001190	.000476	.000239	.000331	.000470	
Years									
Labor Hours	.000642	.000241	.000537	.000526	.000572	.000275	.000204	.000667	
Material Cost	.013471	.007807	.010696	.015942	.015577	.014941	.010007	.014317	
Equipment Hours	.000600	.000241	.000382	.000520	.000572	.000275	.000204	.000661	
Years									
Labor Hours	.000627	.000372	.000143	.000578	.000527	.000269	.000484	.000748	
Material Cost	.015695	.014596	.008570	.012286	.009450	.009881	.020084	.020161	
Equipment Hours	.000624	.000372	.000143	.000572	.000527	.000230	.000484	.000748	
Years									
Labor Hours	.000777	.000366	.000422	.000775	.000835	.000309	.000339	.000336	
Material Cost	.021660	.020171	.021501	.019750	.021290	.009142	.013876	.012121	
Equipment Hours	.000747	.000349	.000383	.000775	.000835	.000309	.000339	.000336	

PHYSICAL FITNESS CENTER

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001016	.004353	.004353	.00459	.005273	.004838	.006157	.004575
Material Cost	.006948	.027341	.027341	.02824	.029172	.032638	.039859	.034418
Equipment Hours	.001016	.004353	.004353	.00459	.005273	.004838	.006056	.004469
Years	9	10	11	12	13	14	15	16
Labor Hours	.009611	.006265	.015123	.005146	.011858	.005190	.006190	.008288
Material Cost	.077880	.033950	.144077	.031150	.046800	.031477	.043267	.117188
Equipment Hours	.009068	.006265	.015123	.005146	.011858	.005190	.006030	.008044
Years	17	18	19	20	21	22	23	24
Labor Hours	.011132	.005416	.009487	.005361	.016963	.005552	.007873	.005363
Material Cost	.075013	.032822	.142521	.029470	.217831	.035758	.041957	.043568
Equipment Hours	.010589	.005355	.009059	.005361	.016825	.005492	.007773	.005231
Years	25	26	27	28	29	30	31	32
Labor Hours	.010588	.015087	.006838	.008454	.008084	.005700	.002846	.007185
Material Cost	.085681	.070956	.034061	.096995	.033379	.029254	1.03740	.036583
Equipment Hours	.010045	.015008	.006838	.008207	.008084	.005700	.009849	.007079
Years	33	34	35	36	37	38	39	40
Labor Hours	.009083	.006452	.007053	.005582	.017051	.009191	.009152	.005899
Material Cost	.147911	.110920	.090784	.040231	.180370	.087647	.120022	.040220
Equipment Hours	.008232	.006314	.006498	.005522	.015667	.008348	.008914	.005733
Years	41	42	43	44	45	46	47	48
Labor Hours	.039845	.011850	.009344	.004474	.006502	.006720	.010392	.007088
Material Cost	.546249	.163160	.035939	.028491	.088076	.034412	.042703	.045986
Equipment Hours	.027172	.008591	.009344	.004474	.005948	.006720	.010292	.006982
Years	49	50	51	52	53	54	55	56
Labor Hours	.010088	.006648	.038325	.009665	.009315	.006470	.008682	.005254
Material Cost	.085106	.032725	.242159	.141732	.044790	.039163	.179598	.062398
Equipment Hours	.009520	.006648	.033312	.009393	.008546	.006410	.007649	.005075
Years	57	58	59	60	61	62	63	64
Labor Hours	.009557	.008363	.017335	.007843	.604281	.008648	.012605	.005600
Material Cost	.151142	.099268	.104805	.032955	1.025588	.036797	.133583	.040570
Equipment Hours	.008875	.008055	.015455	.006884	.311356	.008620	.010631	.005494
Years	65	66	67	68	69	70	71	72
Labor Hours	.009415	.005239	.007646	.010993	.007317	.008482	.014701	.005658
Material Cost	.080790	.033769	.043022	.058547	.037867	.108819	.178481	.043444
Equipment Hours	.008848	.005239	.007621	.008111	.007257	.007364	.014504	.005491
Years	73	74	75	76	77	78	79	80
Labor Hours	.013391	.007870	.046339	.020772	.010835	.011798	.008017	.007928
Material Cost	.203692	.073468	.280418	.082296	.040996	.077674	.045072	.053316
Equipment Hours	.012294	.006831	.028513	.017849	.010835	.008953	.007917	.006855

PHYSICAL FITNESS CENTER
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
000000 Plumbing	UM TD	2 3						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000112	.000865	.001996	.002241	.003265	.002404	.001929	.002810
Material Cost	.000099	.000710	.001268	.003404	.002736	.002282	.004914	.013155
Equipment Hours	.000112	.000862	.001761	.002173	.003289	.002391	.001699	.002746
Years	9	10	11	12	13	14	15	16
Labor Hours	.003330	.002621	.003148	.002730	.003314	.001990	.003447	.003652
Material Cost	.040158	.037320	.046142	.044280	.014037	.008676	.018288	.054114
Equipment Hours	.003013	.002587	.002859	.002568	.002911	.001936	.003168	.003566
Years	17	18	19	20	21	22	23	24
Labor Hours	.002824	.002365	.002485	.003322	.008374	.003387	.004540	.004635
Material Cost	.008939	.041505	.050204	.044330	.123542	.046402	.048544	.024682
Equipment Hours	.002540	.002236	.002210	.003229	.007142	.002674	.003282	.003462
Years	25	26	27	28	29	30	31	32
Labor Hours	.005812	.005810	.004996	.004588	.004850	.006523	.004972	.004245
Material Cost	.031856	.039360	.037981	.026467	.071742	.068583	.093169	.059106
Equipment Hours	.004645	.004134	.003378	.003616	.003723	.004445	.003693	.003458
Years	33	34	35	36	37	38	39	40
Labor Hours	.005335	.003499	.004425	.004476	.004523	.004525	.003779	.004924
Material Cost	.034860	.028635	.026783	.027925	.029367	.067428	.051745	.057467
Equipment Hours	.003974	.002585	.003296	.003437	.003250	.003274	.002708	.003558
Years	41	42	43	44	45	46	47	48
Labor Hours	.010366	.005318	.002807	.002568	.004234	.003048	.002728	.002792
Material Cost	.137946	.082187	.054986	.027220	.027762	.059855	.024707	.015585
Equipment Hours	.007114	.003915	.002367	.002464	.003865	.002917	.002454	.002739
Years	49	50	51	52	53	54	55	56
Labor Hours	.003833	.004870	.006285	.003830	.005117	.004516	.005034	.005114
Material Cost	.061258	.067733	.074454	.036662	.023077	.036766	.019166	.022906
Equipment Hours	.003145	.003675	.004374	.003110	.003813	.003315	.003993	.004211
Years	57	58	59	60	61	62	63	64
Labor Hours	.008738	.004511	.003865	.011011	.006728	.004583	.005017	.004359
Material Cost	.032901	.053465	.038370	.055535	.126690	.064525	.059064	.040290
Equipment Hours	.005514	.003386	.002883	.006886	.005560	.003662	.003605	.003445
Years	65	66	67	68	69	70	71	72
Labor Hours	.005793	.004759	.005481	.004815	.004304	.010418	.002671	.002573
Material Cost	.033258	.028727	.039774	.033239	.050750	.070049	.066198	.049868
Equipment Hours	.004654	.003692	.003780	.003806	.003266	.006110	.002188	.002408
Years	73	74	75	76	77	78	79	80
Labor Hours	.003301	.002844	.003722	.009666	.002996	.002575	.007020	.009620
Material Cost	.029782	.032826	.044493	.087954	.034083	.057033	.086172	.061620
Equipment Hours	.002860	.002366	.003260	.006449	.002630	.002335	.004483	.006055

PHYSICAL FITNESS CENTER
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years								
Labor Hours	.001675	.005014	.005090	.005234	.006892	.005522	.005484	.005592
Material Cost	.004029	.015967	.016207	.018115	.032888	.023260	.026162	.025163
Equipment Hours	.001675	.004530	.004607	.004726	.006409	.005014	.004989	.005070
Years								
Labor Hours	.007091	.005447	.005976	.006138	.007836	.005812	.006851	.005985
Material Cost	.035567	.026023	.066733	.074380	.102892	.053970	.144336	.072151
Equipment Hours	.006588	.004919	.005167	.005279	.006956	.005145	.005414	.005175
Years								
Labor Hours	.007468	.005829	.006560	.005978	.007651	.005933	.005917	.006605
Material Cost	.094340	.081042	.134225	.076640	.100233	.120870	.095390	.132959
Equipment Hours	.006644	.004968	.005289	.005169	.006854	.004899	.005022	.005254
Years								
Labor Hours	.007813	.008404	.005974	.006329	.009452	.007815	.007717	.006515
Material Cost	.131358	.295535	.073318	.082973	.226972	.265979	.245719	.105548
Equipment Hours	.006847	.005903	.005209	.005445	.007413	.005556	.005569	.005444
Years								
Labor Hours	.008527	.005950	.006129	.006231	.007473	.006769	.005779	.006316
Material Cost	.164657	.106782	.070953	.113249	.090811	.190488	.080704	.118363
Equipment Hours	.007061	.005064	.005114	.005235	.006675	.005219	.004934	.005239
Years								
Labor Hours	.007361	.006579	.005996	.006638	.007443	.005955	.005692	.006149
Material Cost	.073338	.128549	.070953	.126328	.076915	.071453	.046825	.061660
Equipment Hours	.006689	.005249	.005217	.005509	.006730	.005127	.005054	.005348
Years								
Labor Hours	.007835	.006122	.006836	.005703	.007592	.008132	.006222	.006805
Material Cost	.095482	.091900	.158868	.061452	.089820	.272169	.127758	.161508
Equipment Hours	.006977	.005218	.005333	.005028	.006729	.005737	.005139	.005424
Years								
Labor Hours	.009213	.006137	.009055	.006189	.008018	.006324	.006177	.006517
Material Cost	.212642	.127266	.377730	.106305	.146365	.119944	.114049	.126123
Equipment Hours	.007220	.005029	.005829	.005181	.006948	.005261	.005230	.005399
Years								
Labor Hours	.010387	.005907	.006345	.006463	.008387	.005702	.005914	.006072
Material Cost	.110983	.069835	.129111	.128726	.134285	.061768	.005217	.081060
Equipment Hours	.008243	.005092	.005257	.005371	.007084	.005007	.005129	.005171
Years								
Labor Hours	.007400	.006195	.005653	.006072	.007371	.005778	.006561	.006516
Material Cost	.093895	.111244	.062719	.083481	.061021	.073763	.126313	.153838
Equipment Hours	.006643	.005025	.004865	.005216	.006727	.004973	.005225	.005369

PHYSICAL FITNESS CENTER

Resources Per Square Foot

Task Description	UM	TD	2	2
110000 Interior Electrical				
Years	1	2	3	4
Labor Hours	.000246	.000858	.001061	.001084
Material Cost	.000000	.000087	.000845	.007146
Equipment Hours	.000246	.000858	.001061	.001084
Years	9	10	11	12
Labor Hours	.001827	.001700	.002324	.001995
Material Cost	.031648	.030279	.058470	.053507
Equipment Hours	.001819	.001692	.002313	.001984
Years	17	18	19	20
Labor Hours	.002162	.002054	.002181	.001942
Material Cost	.048415	.048517	.043449	.041643
Equipment Hours	.002149	.002044	.002169	.001930
Years	25	26	27	28
Labor Hours	.002082	.002034	.002707	.003001
Material Cost	.034250	.049200	.094441	.127440
Equipment Hours	.002076	.002023	.002538	.002630
Years	33	34	35	36
Labor Hours	.003278	.002684	.002387	.002475
Material Cost	.147528	.111155	.076513	.072626
Equipment Hours	.002930	.002515	.002371	.002460
Years	41	42	43	44
Labor Hours	.002238	.001987	.002114	.001849
Material Cost	.038590	.035666	.030436	.033953
Equipment Hours	.002227	.001976	.002107	.001839
Years	49	50	51	52
Labor Hours	.002177	.001949	.003005	.002382
Material Cost	.059159	.054692	.085667	.076419
Equipment Hours	.002158	.001932	.002989	.002365
Years	57	58	59	60
Labor Hours	.003081	.003308	.002635	.002855
Material Cost	.106943	.139632	.065663	.100205
Equipment Hours	.002916	.002937	.002620	.002690
Years	65	66	67	68
Labor Hours	.001930	.002046	.002155	.002139
Material Cost	.033837	.052033	.054348	.056346
Equipment Hours	.001922	.002029	.002137	.002123
Years	73	74	75	76
Labor Hours	.002783	.002442	.002494	.002455
Material Cost	.078106	.077377	.075981	.069118
Equipment Hours	.002765	.002421	.002474	.002442
Years	81	82	83	84
Labor Hours	.001547	.001641	.001501	.001588
Material Cost	.029936	.027224	.027224	.007146
Equipment Hours	.001538	.001633	.001493	.001084
Years	16	15	14	13
Labor Hours	.002077	.002260	.002101	.002298
Material Cost	.047518	.055657	.054698	.054671
Equipment Hours	.002067	.002245	.002086	.002285
Years	24	23	22	21
Labor Hours	.001879	.001979	.001813	.002080
Material Cost	.034854	.029103	.027185	.034973
Equipment Hours	.001872	.001974	.001807	.002073
Years	32	31	30	29
Labor Hours	.003151	.004237	.002401	.002202
Material Cost	.168284	.235547	.091274	.055385
Equipment Hours	.002795	.003487	.002236	.002187
Years	40	39	38	37
Labor Hours	.002515	.002592	.002469	.002582
Material Cost	.064594	.064420	.069516	.068198
Equipment Hours	.002499	.002574	.002455	.002569
Years	48	47	46	45
Labor Hours	.002026	.002139	.002116	.002087
Material Cost	.056419	.055189	.054534	.033563
Equipment Hours	.002009	.002124	.002097	.002080
Years	56	55	54	53
Labor Hours	.002333	.002665	.002461	.002810
Material Cost	.070295	.076143	.077785	.081548
Equipment Hours	.002518	.002649	.002444	.002769
Years	64	63	62	61
Labor Hours	.002219	.003533	.001762	.003785
Material Cost	.071201	.188353	.031712	.197068
Equipment Hours	.002057	.002853	.001757	.003044
Years	72	71	70	69
Labor Hours	.002385	.002720	.002103	.002428
Material Cost	.075353	.078823	.055146	.060792
Equipment Hours	.002363	.002699	.002088	.002408
Years	80	79	78	77
Labor Hours	.002360	.002590	.002508	.002583
Material Cost	.063584	.067874	.071121	.069805
Equipment Hours	.002348	.002574	.002470	.002568

PHYSICAL FITNESS CENTER
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electri. System	2	2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000852	.000945	.000924	.000935	.000925	.000961	.000953	.000956
Material Cost	.000000	.000000	.000054	.000543	.000272	.000785	.000278	.000967
Equipment Hours	.000852	.000945	.000924	.000935	.000925	.000961	.000953	.000956
Years	9	10	11	12	13	14	15	16
Labor Hours	.000959	.000963	.000962	.000985	.000946	.000988	.000955	.000985
Material Cost	.001559	.001306	.001048	.003587	.002934	.005461	.002048	.008805
Equipment Hours	.000959	.000963	.000962	.000985	.000946	.000988	.000955	.000985
Years	17	18	19	20	21	22	23	24
Labor Hours	.000955	.000969	.000983	.000958	.000954	.000964	.000955	.000968
Material Cost	.002033	.003017	.003567	.002112	.001284	.005328	.002728	.003043
Equipment Hours	.000955	.000969	.000983	.000958	.000954	.000964	.000955	.000968
Years	25	26	27	28	29	30	31	32
Labor Hours	.000949	.000944	.000983	.000965	.001003	.000955	.000989	.000971
Material Cost	.001723	.001527	.002942	.003261	.005606	.001125	.008632	.002845
Equipment Hours	.000949	.000944	.000983	.000965	.001003	.000955	.000989	.000971
Years	33	34	35	36	37	38	39	40
Labor Hours	.000969	.000980	.000967	.000952	.000985	.000970	.000989	.000969
Material Cost	.002962	.003314	.001938	.001733	.004928	.002856	.002956	.001707
Equipment Hours	.000969	.000980	.000967	.000952	.000985	.000970	.000989	.000969
Years	41	42	43	44	45	46	47	48
Labor Hours	.000949	.000963	.000958	.000972	.000960	.000970	.000963	.000957
Material Cost	.001168	.003240	.003247	.004659	.002058	.009113	.002455	.003001
Equipment Hours	.000949	.000963	.000958	.000972	.000960	.000970	.000963	.000957
Years	49	50	51	52	53	54	55	56
Labor Hours	.000984	.000952	.000968	.000990	.000979	.000977	.000970	.000954
Material Cost	.003040	.001932	.001154	.005495	.002710	.003271	.001475	.001858
Equipment Hours	.000984	.000952	.000968	.000990	.000979	.000977	.000970	.000954
Years	57	58	59	60	61	62	63	64
Labor Hours	.000982	.000968	.001004	.000969	.000974	.000945	.000949	.000959
Material Cost	.002729	.003207	.005227	.001789	.008685	.002754	.002987	.002580
Equipment Hours	.000982	.000968	.001004	.000969	.000974	.000945	.000949	.000959
Years	65	66	67	68	69	70	71	72
Labor Hours	.000955	.000945	.000985	.000962	.000988	.000958	.000968	.000986
Material Cost	.002455	.001629	.005141	.002739	.003018	.001453	.001121	.003327
Equipment Hours	.000955	.000945	.000985	.000962	.000988	.000958	.000968	.000986
Years	73	74	75	76	77	78	79	80
Labor Hours	.000981	.000988	.000977	.000977	.000964	.000960	.000989	.000964
Material Cost	.003227	.005377	.001557	.009207	.002242	.003111	.002983	.002186
Equipment Hours	.000981	.000988	.000977	.000977	.000964	.000960	.000989	.000964

TRANSIENT HOUSING FACILITIES

Resources Per Square Foot

Task Description	UM	TD										
0000000 Total Summary	2	1										
Years	1	2	3	4	5	6	7	8				
Labor Hours	.014436	.030827	.035054	.040502	.043683	.041896	.042159	.053291				
Material Cost	.028574	.067569	.073351	.114597	.1152835	.152380	.174650	.486478				
Equipment Hours	.013334	.028383	.032393	.038076	.041164	.039204	.039404	.047048				
Years	9	10	11	12	13	14	15	16				
Labor Hours	.066905	.047064	.050278	.047734	.052211	.050092	.057239	.063323				
Material Cost	.923117	.353156	.410784	.43321	.443427	.426025	.799599	.875470				
Equipment Hours	.054770	.044043	.047309	.044316	.048174	.045303	.050185	.053613				
Years	17	18	19	20	21	22	23	24				
Labor Hours	.070656	.056745	.063783	.058784	.087366	.052249	.057357	.070101				
Material Cost	1.017132	.566284	.693118	.645483	.662946	.506448	.552938	.902240				
Equipment Hours	.057119	.050746	.055083	.051873	.081443	.047319	.053428	.060308				
Years	25	26	27	28	29	30	31	32				
Labor Hours	.075985	.060586	.055456	.063996	.057977	.058027	.059389	.062970				
Material Cost	1.333462	.700898	.620455	.87397	.726251	.786128	1.147411	.927016				
Equipment Hours	.061737	.051622	.047506	.057643	.052277	.049784	.051674	.053478				
Years	33	34	35	36	37	38	39	40				
Labor Hours	.078340	.051594	.052173	.060458	.061938	.070207	.059189	.071367				
Material Cost	1.648006	.616529	.650153	.637544	.640876	.947610	.697318	1.205951				
Equipment Hours	.062653	.045633	.046597	.052913	.054502	.061494	.051019	.056174				
Years	41	42	43	44	45	46	47	48				
Labor Hours	.106915	.057074	.059835	.054847	.057032	.053624	.048654	.061780				
Material Cost	1.20965	.698022	.620197	.488392	.479781	.460653	.368483	.928215				
Equipment Hours	.088274	.048615	.054727	.049158	.052129	.049693	.044354	.054417				
Years	49	50	51	52	53	54	55	56				
Labor Hours	.075784	.059609	.063363	.062442	.064360	.053465	.057385	.070766				
Material Cost	1.503055	.564493	.702456	.666820	.788480	.923204	.515297	1.058442				
Equipment Hours	.061059	.051792	.057596	.055384	.056118	.045166	.052097	.058272				
Years	57	58	59	60	61	62	63	64				
Labor Hours	.091523	.066596	.063254	.068467	.089435	.051544	.065357	.071441				
Material Cost	1.505983	1.080398	.878366	.546073	1.033343	.521303	.897037	1.198495				
Equipment Hours	.072095	.058492	.054832	.057394	.082056	.046132	.055862	.058730				
Years	65	66	67	68	69	70	71	72				
Labor Hours	.083552	.056955	.051752	.052745	.056522	.060810	.061871	.060568				
Material Cost	1.259619	.581469	.927487	.709283	.927948	.631132	.716095	.781113				
Equipment Hours	.067823	.050862	.046133	.048110	.051111	.051368	.055403	.052294				
Years	73	74	75	76	77	78	79	80				
Labor Hours	.093173	.056626	.071777	.065231	.623358	.067003	.060990	.080128				
Material Cost	1.622798	.690894	.789722	.715955	.612605	.861799	.973164	.961030				
Equipment Hours	.073070	.049785	.060600	.056469	.055270	.060275	.051411	.062251				

TRANSIENT HOUSING FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300070 Roofing								
Years								
Labor Hours	.002204	.003030	.003462	.002993	.003169	.003475	.003034	.003011
Material Cost	.013690	.023610	.024635	.020784	.025034	.024004	.021366	.021366
Equipment Hours	.001102	.001515	.001731	.001496	.001584	.001737	.001517	.001505
Years								
Labor Hours	.003699	.003310	.003109	.003255	.005041	.006501	.006051	.003138
Material Cost	.022938	.025034	.022486	.021366	.075660	.108683	.082190	.022487
Equipment Hours	.001850	.001655	.001555	.001628	.002520	.003251	.003025	.001569
Years								
Labor Hours	.003870	.008271	.008391	.010299	.004796	.004870	.003429	.003657
Material Cost	.027794	.086355	.090497	.112023	.046607	.044538	.022634	.029605
Equipment Hours	.001935	.004136	.004196	.005145	.002398	.002408	.001715	.001829
Years								
Labor Hours	.003515	.007727	.009734	.007344	.003964	.003257	.003031	.003471
Material Cost	.022530	.080647	.108257	.078718	.028074	.022011	.022379	.027978
Equipment Hours	.001757	.003864	.004867	.003673	.001983	.001629	.001515	.001736
Years								
Labor Hours	.003683	.003752	.003607	.009791	.003999	.008882	.005504	.014645
Material Cost	.024294	.028310	.025627	.131042	.037038	.114194	.082245	.246346
Equipment Hours	.001842	.001876	.001804	.004696	.002000	.004441	.002752	.007323
Years								
Labor Hours	.005797	.005208	.004130	.005391	.003719	.003993	.003446	.003259
Material Cost	.082741	.058250	.031440	.056003	.027288	.027603	.024940	.026680
Equipment Hours	.002899	.002604	.002065	.002695	.001859	.001997	.001723	.001670
Years								
Labor Hours	.003273	.003117	.003135	.007723	.009723	.007430	.003440	.008687
Material Cost	.021529	.021957	.022827	.079241	.108883	.078539	.024098	.091876
Equipment Hours	.001636	.001558	.001568	.003862	.004862	.003715	.001720	.004344
Years								
Labor Hours	.007606	.008309	.004154	.003654	.005486	.004604	.004175	.003622
Material Cost	.075647	.090822	.034059	.030795	.049653	.042613	.036511	.024492
Equipment Hours	.003803	.004155	.002077	.001827	.002743	.002302	.002088	.001811
Years								
Labor Hours	.004287	.006536	.005427	.003363	.003244	.003398	.003537	.003774
Material Cost	.076134	.111293	.074519	.022916	.022527	.023446	.025772	.029895
Equipment Hours	.002643	.003268	.002714	.001692	.001622	.001699	.001769	.001887
Years								
Labor Hours	.009690	.004088	.008208	.003853	.009754	.008535	.010323	.007836
Material Cost	.125961	.036282	.100458	.031066	.131225	.093966	.117944	.084839
Equipment Hours	.004845	.002044	.004104	.001927	.004877	.004268	.005162	.003918

TRANSIENT HOUSING FACILITIES

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000185	.000295	.000448	.003982	.003258	.004310	.004958	.003979		
Material Cost	.000838	.001303	.001596	.009561	.011788	.011203	.012778	.016259		
Equipment Hours	.000185	.000295	.000448	.003982	.003258	.004310	.004958	.003979		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.004624	.006199	.005179	.003187	.003499	.006683	.007301	.003915		
Material Cost	.022153	.029655	.029585	.028801	.026750	.035191	.028771	.018076		
Equipment Hours	.004624	.006199	.005179	.003187	.003499	.006683	.007301	.003915		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.003981	.004495	.009923	.007185	.003273	.007112	.006405	.008408		
Material Cost	.017583	.018568	.035300	.029626	.019921	.028317	.034230	.037208		
Equipment Hours	.003981	.004495	.009923	.007185	.003273	.007112	.006405	.008408		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.005349	.005703	.005468	.004606	.006010	.004354	.003295	.005302		
Material Cost	.026961	.021581	.021830	.014652	.039680	.039680	.037817	.039955		
Equipment Hours	.005349	.005703	.005468	.004606	.006010	.004354	.003295	.005302		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.008055	.006003	.003779	.005060	.005188	.009850	.006290	.005434		
Material Cost	.055556	.050549	.040703	.035637	.039500	.048510	.056294	.040177		
Equipment Hours	.008055	.006003	.003779	.005060	.005188	.009850	.006290	.005434		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.004398	.005594	.005841	.005742	.006271	.008645	.005549	.009196		
Material Cost	.019775	.044001	.028660	.051778	.029115	.042678	.042756	.047994		
Equipment Hours	.004398	.005594	.005841	.005742	.006271	.008645	.005549	.009196		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.003904	.005915	.007130	.009563	.003683	.003095	.008464	.005581		
Material Cost	.043502	.046173	.049975	.057090	.032111	.033133	.050091	.037496		
Equipment Hours	.003904	.005915	.007130	.009563	.003683	.003095	.008464	.005581		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.013121	.003481	.006811	.005455	.005451	.004819	.003297	.016473		
Material Cost	.055778	.023276	.032491	.029539	.029612	.050155	.042498	.242857		
Equipment Hours	.013121	.003481	.006811	.005455	.005451	.004819	.003297	.012333		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.007872	.007753	.006349	.005274	.008015	.006054	.009983	.005336		
Material Cost	.058675	.074732	.089719	.091454	.098249	.085887	.105364	.076125		
Equipment Hours	.007872	.007753	.006349	.005274	.008015	.006054	.009983	.005336		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.009097	.005930	.016493	.004589	.005395	.006308	.007005	.007079		
Material Cost	.086348	.082692	.189776	.075286	.068468	.089193	.084768	.096030		
Equipment Hours	.009097	.005930	.016493	.004589	.005395	.006308	.007005	.006319		

TRANSIENT HOUSING FACILITIES

Resources Per Square Foot

Task Description	UM	TD								
0500000 Interior Construction	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000001	.000002	.000127	.002460	.002549	.000405	.001629	.003492		
Material Cost	.000045	.000086	.000439	.000683	.003561	.028925	.034771	.057077		
Equipment Hours	.000001	.000002	.000127	.002460	.002549	.000405	.001629	.003446		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.003396	.001360	.001349	.003113	.002813	.002138	.001661	.003453		
Material Cost	.079838	.067950	.062343	.048206	.064421	.070424	.058972	.059230		
Equipment Hours	.003343	.001360	.001349	.003113	.002813	.002134	.001656	.003351		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.002944	.000838	.002116	.002777	.004618	.002169	.001966	.003628		
Material Cost	.047217	.036391	.063685	.062259	.087790	.073547	.070848	.082215		
Equipment Hours	.002887	.000838	.001529	.002773	.004418	.002110	.001961	.003581		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.003955	.002259	.001330	.004125	.004680	.001959	.002464	.003569		
Material Cost	.101372	.084637	.056712	.076442	.085919	.064074	.099409	.127806		
Equipment Hours	.003902	.002238	.001330	.004125	.004659	.001959	.002443	.003499		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.002537	.002918	.004078	.003583	.007798	.003040	.002845	.001939		
Material Cost	.088329	.090725	.109071	.109299	.130475	.084253	.083434	.086057		
Equipment Hours	.002479	.002716	.003998	.003562	.003483	.003036	.002624	.001834		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.001216	.002875	.002463	.002620	.003042	.002270	.002402	.002510		
Material Cost	.056823	.056423	.052549	.057864	.071674	.060410	.061520	.068204		
Equipment Hours	.001160	.002875	.002463	.002620	.003021	.002270	.002402	.002463		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.003321	.003629	.002722	.003190	.002267	.002020	.003494	.003251		
Material Cost	.100221	.093258	.063460	.074984	.067143	.067370	.111429	.083315		
Equipment Hours	.003267	.003624	.002718	.002989	.002208	.002020	.003106	.003179		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.002970	.003001	.006322	.002325	.002505	.001784	.002084	.003638		
Material Cost	.080715	.069168	.079014	.084142	.082082	.080419	.058310	.078486		
Equipment Hours	.002716	.002942	.004569	.002325	.002485	.001763	.002084	.003592		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.004238	.002410	.001119	.003260	.003750	.002413	.002163	.004365		
Material Cost	.105132	.092263	.060810	.077869	.071915	.073121	.083031	.100577		
Equipment Hours	.004184	.002389	.001119	.003255	.003725	.002212	.002104	.004319		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.005443	.001504	.002018	.004227	.004947	.001890	.001828	.003113		
Material Cost	.122872	.079094	.090683	.092027	.095048	.063204	.062059	.077460		
Equipment Hours	.004802	.001500	.001797	.004168	.004942	.001890	.001828	.003066		

TRANSIENT HOUSING FACILITIES
 Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
06000000 Interior Finishes										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.001472	.007429	.007429	.007469	.007523	.007132	.008029	.014923		
Material Cost	.006841	.033069	.033069	.035696	.039194	.031751	.052003	.276911		
Equipment Hours	.001472	.007429	.007429	.007469	.007523	.007132	.007739	.011186		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.026350	.008636	.010062	.007488	.008507	.007518	.008089	.020047		
Material Cost	.639485	.046292	.037539	.035746	.039971	.035595	.054472	.463420		
Equipment Hours	.017105	.008491	.010062	.007488	.008507	.007497	.007778	.013955		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.028036	.013230	.011550	.008558	.040639	.009439	.014711	.021463		
Material Cost	.642994	.047911	.100904	.042153	.188047	.099329	.040598	.323892		
Equipment Hours	.018771	.013085	.010830	.008536	.039075	.008627	.014400	.017552		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.026263	.009383	.008377	.014004	.007871	.008283	.011520	.015860		
Material Cost	.638778	.043681	.035956	.054508	.041010	.034367	.109969	.279787		
Equipment Hours	.017018	.009238	.008377	.014004	.007871	.008283	.011046	.012102		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.026608	.010895	.009091	.007633	.012372	.013122	.013817	.017551		
Material Cost	.650409	.167728	.096753	.035858	.124336	.046306	.182105	.344241		
Equipment Hours	.017342	.009185	.008279	.007633	.011721	.013030	.011963	.013003		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.055063	.009371	.013914	.009834	.007913	.007852	.009815	.015994		
Material Cost	.662808	.086575	.039232	.039611	.043117	.035827	.054421	.277431		
Equipment Hours	.045743	.009055	.013914	.009834	.007913	.007852	.009525	.012257		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.030494	.008577	.014232	.011216	.014142	.007507	.009389	.015247		
Material Cost	.680934	.045198	.071355	.161147	.107163	.033202	.109557	.284739		
Equipment Hours	.021078	.008411	.014211	.009651	.013327	.007507	.008448	.011420		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.030224	.016355	.010458	.010509	.038490	.009509	.017602	.015334		
Material Cost	.765194	.123744	.062968	.040596	.118566	.036770	.086458	.281949		
Equipment Hours	.019414	.015399	.010437	.010509	.038306	.009589	.015618	.011597		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.028384	.007750	.008615	.008070	.007713	.011375	.012120	.015145		
Material Cost	.640899	.042590	.074284	.127147	.042001	.159448	.132255	.278752		
Equipment Hours	.019099	.007605	.008443	.007790	.007691	.009810	.010978	.011364		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.032559	.012134	.012464	.012476	.009922	.018122	.008664	.017851		
Material Cost	.819376	.075039	.165315	.110462	.046140	.044057	.055863	.281132		
Equipment Hours	.021010	.011769	.010105	.010667	.009901	.018012	.008375	.014114		

TRANSIENT HOUSING FACILITIES

Resources Per Square Foot

Task Description	UM	TD	2	3	4	5	6	7	8
0800000 Plumbing									
Years	1	2	3	4	5	6	7	8	
Labor Hours	.000097	.002095	.005122	.004375	.006982	.006311	.004375	.006983	
Material Cost	.000069	.001416	.004045	.018852	.014905	.005366	.012233	.040824	
Equipment Hours	.000097	.002095	.005122	.004375	.006982	.006311	.004375	.006983	
Years	9	10	11	12	13	14	15	16	
Labor Hours	.006657	.006728	.007611	.007176	.007178	.004558	.007769	.009105	
Material Cost	.005293	.073883	.128949	.128989	.075043	.054847	.037684	.147969	
Equipment Hours	.006625	.006706	.007496	.006885	.007219	.004340	.007645	.008696	
Years	17	18	19	20	21	22	23	24	
Labor Hours	.006384	.006998	.006664	.006740	.009471	.005868	.007797	.007689	
Material Cost	.073444	.094116	.130391	.122384	.141423	.097921	.060152	.099769	
Equipment Hours	.005921	.006692	.006250	.006361	.008946	.005485	.007246	.006371	
Years	25	26	27	28	29	30	31	32	
Labor Hours	.010389	.008624	.005457	.007467	.007736	.015939	.009607	.009540	
Material Cost	.072571	.087123	.070083	.105089	.141553	.138958	.223449	.151917	
Equipment Hours	.009301	.007375	.004869	.007233	.007334	.011674	.008801	.008085	
Years	33	34	35	36	37	38	39	40	
Labor Hours	.008503	.004328	.008102	.009418	.006781	.008464	.006224	.005482	
Material Cost	.118013	.083018	.103712	.121299	.104155	.115289	.124082	.109133	
Equipment Hours	.007813	.003808	.006967	.008122	.005676	.007428	.005182	.004401	
Years	41	42	43	44	45	46	47	48	
Labor Hours	.015014	.008380	.008309	.007169	.010359	.008134	.005391	.007904	
Material Cost	.214347	.166604	.145860	.121443	.104438	.137366	.077569	.123201	
Equipment Hours	.010089	.006272	.007286	.006319	.009196	.007678	.004982	.007407	
Years	49	50	51	52	53	54	55	56	
Labor Hours	.009660	.016115	.009629	.007067	.008879	.005075	.007596	.008850	
Material Cost	.179235	.177618	.150911	.079552	.039775	.038479	.035825	.088177	
Equipment Hours	.008120	.011353	.008356	.006948	.008112	.004751	.007231	.008531	
Years	57	58	59	60	61	62	63	64	
Labor Hours	.006161	.008176	.006434	.021205	.008667	.006547	.012793	.007663	
Material Cost	.081006	.108782	.121262	.122480	.199511	.147175	.129250	.119194	
Equipment Hours	.005804	.007554	.006000	.013558	.008123	.005618	.009572	.006946	
Years	65	66	67	68	69	70	71	72	
Labor Hours	.010439	.008276	.007382	.007849	.005701	.014541	.007332	.007575	
Material Cost	.105029	.062417	.078067	.063180	.099849	.130022	.161908	.153301	
Equipment Hours	.009473	.007763	.006105	.007586	.005462	.010061	.006498	.006650	
Years	73	74	75	76	77	78	79	80	
Labor Hours	.009645	.007466	.008896	.014144	.006981	.008257	.007009	.019467	
Material Cost	.131899	.132963	.102604	.224732	.108472	.143659	.150804	.138421	
Equipment Hours	.008318	.005825	.007843	.011148	.006012	.007355	.005975	.011604	

TRANSIENT HOUSING FACILITIES

Resources Per Square Foot

Task Description	UM ID	2	9
0900000 HVAC			
Years	1		
Labor Hours	.003402		
Material Cost	.007090		
Equipment Hours	.003402		
Years	2		
Labor Hours	.009979		
Material Cost	.007897		
Equipment Hours	.009049		
Years	3		
Labor Hours	.010149		
Material Cost	.007877		
Equipment Hours	.009219		
Years	4		
Labor Hours	.010981		
Material Cost	.017061		
Equipment Hours	.010051		
Years	5		
Labor Hours	.011793		
Material Cost	.023222		
Equipment Hours	.010858		
Years	6		
Labor Hours	.010953		
Material Cost	.024920		
Equipment Hours	.009997		
Years	7		
Labor Hours	.010452		
Material Cost	.021901		
Equipment Hours	.009701		
Years	8		
Labor Hours	.011729		
Material Cost	.039610		
Equipment Hours	.010773		
Years	9		
Labor Hours	.012163		
Material Cost	.034548		
Equipment Hours	.011206		
Years	10		
Labor Hours	.011225		
Material Cost	.075620		
Equipment Hours	.010025		
Years	11		
Labor Hours	.011780		
Material Cost	.062135		
Equipment Hours	.010479		
Years	12		
Labor Hours	.012899		
Material Cost	.102636		
Equipment Hours	.011399		
Years	13		
Labor Hours	.013577		
Material Cost	.093151		
Equipment Hours	.012216		
Years	14		
Labor Hours	.011937		
Material Cost	.064874		
Equipment Hours	.010643		
Years	15		
Labor Hours	.015479		
Material Cost	.467327		
Equipment Hours	.011887		
Years	16		
Labor Hours	.012403		
Material Cost	.083466		
Equipment Hours	.011067		
Years	17		
Labor Hours	.014097		
Material Cost	.152773		
Equipment Hours	.012282		
Years	18		
Labor Hours	.011879		
Material Cost	.091603		
Equipment Hours	.010544		
Years	19		
Labor Hours	.013819		
Material Cost	.217692		
Equipment Hours	.011036		
Years	20		
Labor Hours	.012390		
Material Cost	.200444		
Equipment Hours	.011028		
Years	21		
Labor Hours	.012985		
Material Cost	.117039		
Equipment Hours	.011749		
Years	22		
Labor Hours	.011710		
Material Cost	.112457		
Equipment Hours	.010452		
Years	23		
Labor Hours	.011575		
Material Cost	.124340		
Equipment Hours	.010305		
Years	24		
Labor Hours	.013946		
Material Cost	.288175		
Equipment Hours	.011256		
Years	25		
Labor Hours	.014521		
Material Cost	.415168		
Equipment Hours	.012415		
Years	26		
Labor Hours	.015512		
Material Cost	.309478		
Equipment Hours	.011852		
Years	27		
Labor Hours	.013661		
Material Cost	.232611		
Equipment Hours	.011189		
Years	28		
Labor Hours	.012956		
Material Cost	.123488		
Equipment Hours	.011300		
Years	29		
Labor Hours	.016139		
Material Cost	.304945		
Equipment Hours	.012949		
Years	30		
Labor Hours	.013426		
Material Cost	.418238		
Equipment Hours	.011077		
Years	31		
Labor Hours	.014918		
Material Cost	.304529		
Equipment Hours	.011369		
Years	32		
Labor Hours	.013959		
Material Cost	.194611		
Equipment Hours	.011501		
Years	33		
Labor Hours	.015492		
Material Cost	.308661		
Equipment Hours	.012448		
Years	34		
Labor Hours	.011976		
Material Cost	.097294		
Equipment Hours	.010667		
Years	35		
Labor Hours	.012378		
Material Cost	.202252		
Equipment Hours	.010646		
Years	36		
Labor Hours	.012690		
Material Cost	.126895		
Equipment Hours	.011358		
Years	37		
Labor Hours	.013197		
Material Cost	.134035		
Equipment Hours	.011832		
Years	38		
Labor Hours	.014386		
Material Cost	.337596		
Equipment Hours	.011323		
Years	39		
Labor Hours	.011696		
Material Cost	.105916		
Equipment Hours	.010159		
Years	40		
Labor Hours	.013771		
Material Cost	.304134		
Equipment Hours	.011635		
Years	41		
Labor Hours	.013331		
Material Cost	.101986		
Equipment Hours	.011907		
Years	42		
Labor Hours	.014168		
Material Cost	.239096		
Equipment Hours	.011295		
Years	43		
Labor Hours	.012932		
Material Cost	.139471		
Equipment Hours	.010996		
Years	44		
Labor Hours	.012522		
Material Cost	.103457		
Equipment Hours	.011141		
Years	45		
Labor Hours	.014025		
Material Cost	.137013		
Equipment Hours	.012169		
Years	46		
Labor Hours	.012170		
Material Cost	.077039		
Equipment Hours	.010791		
Years	47		
Labor Hours	.011542		
Material Cost	.048715		
Equipment Hours	.010177		
Years	48		
Labor Hours	.012571		
Material Cost	.075715		
Equipment Hours	.011276		
Years	49		
Labor Hours	.014512		
Material Cost	.394035		
Equipment Hours	.012447		
Years	50		
Labor Hours	.012166		
Material Cost	.105669		
Equipment Hours	.010838		
Years	51		
Labor Hours	.013785		
Material Cost	.242406		
Equipment Hours	.010941		
Years	52		
Labor Hours	.012302		
Material Cost	.147650		
Equipment Hours	.010990		
Years	53		
Labor Hours	.013567		
Material Cost	.112793		
Equipment Hours	.011985		
Years	54		
Labor Hours	.016729		
Material Cost	.615327		
Equipment Hours	.012470		
Years	55		
Labor Hours	.012511		
Material Cost	.107611		
Equipment Hours	.010872		
Years	56		
Labor Hours	.016192		
Material Cost	.381690		
Equipment Hours	.012269		
Years	57		
Labor Hours	.017827		
Material Cost	.327017		
Equipment Hours	.013644		
Years	58		
Labor Hours	.012091		
Material Cost	.127894		
Equipment Hours	.010646		
Years	59		
Labor Hours	.015893		
Material Cost	.462259		
Equipment Hours	.011770		
Years	60		
Labor Hours	.012489		
Material Cost	.133325		
Equipment Hours	.010983		
Years	61		
Labor Hours	.014422		
Material Cost	.220801		
Equipment Hours	.011959		
Years	62		
Labor Hours	.013576		
Material Cost	.107739		
Equipment Hours	.011430		
Years	63		
Labor Hours	.011971		
Material Cost	.134654		
Equipment Hours	.010556		
Years	64		
Labor Hours	.013448		
Material Cost	.390060		
Equipment Hours	.011445		
Years	65		
Labor Hours	.016168		
Material Cost	.198333		
Equipment Hours	.013493		
Years	66		
Labor Hours	.013496		
Material Cost	.138625		
Equipment Hours	.011365		
Years	67		
Labor Hours	.011956		
Material Cost	.097340		
Equipment Hours	.010499		
Years	68		
Labor Hours	.014116		
Material Cost	.142053		
Equipment Hours	.011857		
Years	69		
Labor Hours	.016882		
Material Cost	.541201		
Equipment Hours	.013184		
Years	70		
Labor Hours	.012162		
Material Cost	.100941		
Equipment Hours	.010666		
Years	71		
Labor Hours	.014486		
Material Cost	.122174		
Equipment Hours	.011842		
Years	72		
Labor Hours	.012198		
Material Cost	.069147		
Equipment Hours	.010820		
Years	73		
Labor Hours	.013548		
Material Cost	.208493		
Equipment Hours	.010785		
Years	74		
Labor Hours	.013548		
Material Cost	.208493		
Equipment Hours	.010785		
Years	75		
Labor Hours	.011718		
Material Cost	.056441		
Equipment Hours	.010306		
Years	76		
Labor Hours	.013929		
Material Cost	.084818		
Equipment Hours	.011970		
Years	77		
Labor Hours	.013126		
Material Cost	.089910		
Equipment Hours	.011910		
Years	78		
Labor Hours	.011771		
Material Cost	.099535		
Equipment Hours	.010504		
Years	79		
Labor Hours	.013925		
Material Cost	.406397		
Equipment Hours	.010843		
Years	80		
Labor Hours	.013037		
Material Cost	.190733		
Equipment Hours	.011484		

TRANSIENT HOUSING FACILITIES

Resources Per Square Foot

Task Description	UM	ID	2	2
1100000 Interior Electrical				
Years	1	2	3	4
Labor Hours	.000105	.000520	.000873	.000820
Material Cost	.000000	.000186	.001689	.002425
Equipment Hours	.000105	.000520	.000873	.000820
Years	9	10	11	12
Labor Hours	.002230	.001881	.003202	.002704
Material Cost	.017328	.024841	.050210	.031101
Equipment Hours	.002230	.001881	.003202	.002704
Years	17	18	19	20
Labor Hours	.003490	.003178	.003494	.002987
Material Cost	.037411	.173631	.036454	.056192
Equipment Hours	.003488	.003097	.003491	.002985
Years	25	26	27	28
Labor Hours	.004430	.003452	.003509	.005532
Material Cost	.045378	.056656	.078112	.383327
Equipment Hours	.004430	.003425	.003484	.004740
Years	33	34	35	36
Labor Hours	.005493	.003807	.003182	.004352
Material Cost	.381777	.082495	.055039	.042769
Equipment Hours	.004703	.003458	.003166	.004350
Years	41	42	43	44
Labor Hours	.004264	.003665	.004458	.003788
Material Cost	.054332	.030373	.162083	.030977
Equipment Hours	.004267	.003663	.004373	.003784
Years	49	50	51	52
Labor Hours	.002749	.002245	.004678	.003444
Material Cost	.067427	.056089	.085918	.043945
Equipment Hours	.002733	.002245	.004664	.003442
Years	57	58	59	60
Labor Hours	.005558	.007100	.005124	.004793
Material Cost	.103246	.514357	.058118	.085594
Equipment Hours	.005534	.006231	.005109	.004697
Years	65	66	67	68
Labor Hours	.003472	.002918	.003065	.002963
Material Cost	.059533	.045557	.033636	.163477
Equipment Hours	.003366	.002902	.003063	.002880
Years	73	74	75	76
Labor Hours	.004654	.003914	.003930	.004027
Material Cost	.184183	.048147	.062133	.075122
Equipment Hours	.004573	.003910	.003327	.004013
Years	8	7	6	5
Labor Hours	.001572	.001753	.001600	.000963
Material Cost	.022658	.008080	.020901	.002419
Equipment Hours	.001572	.001753	.001600	.000963
Years	16	15	14	13
Labor Hours	.003179	.002947	.002821	.003467
Material Cost	.056812	.045330	.029944	.045429
Equipment Hours	.003175	.002945	.002819	.003467
Years	24	23	22	21
Labor Hours	.003649	.003775	.003415	.003863
Material Cost	.030609	.158738	.028282	.048732
Equipment Hours	.003647	.003694	.003402	.003863
Years	32	31	30	29
Labor Hours	.003364	.006560	.002877	.003580
Material Cost	.083124	.329546	.045951	.042602
Equipment Hours	.003350	.005207	.002875	.003474
Years	40	39	38	37
Labor Hours	.004580	.004878	.004490	.004615
Material Cost	.062698	.051540	.179110	.047464
Equipment Hours	.004578	.004873	.004412	.004613
Years	48	47	46	45
Labor Hours	.002510	.002694	.002587	.003928
Material Cost	.289346	.037230	.058470	.046169
Equipment Hours	.002351	.002678	.002585	.003924
Years	56	55	54	53
Labor Hours	.004913	.004446	.003687	.004120
Material Cost	.072701	.064979	.045559	.298045
Equipment Hours	.004901	.004444	.003685	.003958
Years	64	63	62	61
Labor Hours	.003615	.005765	.002921	.004659
Material Cost	.046001	.389733	.035282	.313152
Equipment Hours	.003355	.004977	.002906	.005305
Years	72	71	70	69
Labor Hours	.004165	.004180	.003024	.003535
Material Cost	.056024	.068295	.046056	.040825
Equipment Hours	.003906	.004178	.003020	.003528
Years	80	79	78	77
Labor Hours	.003780	.004311	.004152	.004272
Material Cost	.071942	.078843	.307217	.051042
Equipment Hours	.003778	.004299	.003990	.004270

TRANSIENT HOUSING FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	UM ID 2 2							
Years								
Labor Hours	.006970	.007478	.007445	.007421	.007448	.007710	.007731	.007623
Material Cost	.000000	.000000	.000000	.000534	.000711	.009310	.011517	.011772
Equipment Hours	.006970	.007478	.007445	.007421	.007448	.007711	.007733	.007625
Years								
Labor Hours	.007786	.007725	.007985	.007911	.007929	.007936	.007943	.007884
Material Cost	.011534	.009882	.017537	.016874	.021003	.024657	.024853	.024010
Equipment Hours	.007788	.007727	.007987	.007913	.007932	.007937	.007945	.007886
Years								
Labor Hours	.007853	.007858	.007827	.007859	.007719	.007719	.007700	.007663
Material Cost	.017916	.017709	.017996	.016799	.015387	.020566	.021399	.010768
Equipment Hours	.007855	.007860	.007828	.007860	.007721	.007720	.007702	.007665
Years								
Labor Hours	.007563	.007926	.007921	.007960	.007997	.007930	.007997	.007904
Material Cost	.010703	.017294	.016893	.021174	.027725	.022849	.020313	.021838
Equipment Hours	.007565	.007928	.007922	.007962	.007998	.007932	.007999	.007905
Years								
Labor Hours	.007970	.007917	.007958	.007929	.007988	.007972	.007936	.007966
Material Cost	.020966	.016411	.016996	.014747	.023872	.022351	.011701	.013166
Equipment Hours	.007972	.007918	.007959	.007931	.007989	.007974	.007938	.007968
Years								
Labor Hours	.007832	.007812	.007786	.007781	.007775	.007873	.007815	.007834
Material Cost	.016953	.016698	.020901	.027259	.020966	.021261	.021332	.019643
Equipment Hours	.007834	.007814	.007788	.007782	.007776	.007875	.007816	.007837
Years								
Labor Hours	.007872	.007846	.008053	.007937	.007981	.007922	.007845	.008044
Material Cost	.016172	.017531	.015406	.023211	.022567	.011594	.011706	.018449
Equipment Hours	.007873	.007847	.008010	.007939	.007983	.007923	.007846	.008046
Years								
Labor Hours	.008057	.008084	.008057	.008037	.007755	.007703	.007668	.007649
Material Cost	.017379	.022357	.028195	.017600	.019967	.021150	.019624	.015456
Equipment Hours	.008058	.008086	.008059	.008039	.007756	.007705	.007671	.007650
Years								
Labor Hours	.007692	.007815	.007841	.007851	.007880	.007844	.008070	.008009
Material Cost	.015883	.013993	.023111	.021186	.011383	.012211	.017297	.017292
Equipment Hours	.007693	.007817	.007843	.007853	.007882	.007846	.008072	.008010
Years								
Labor Hours	.008085	.008042	.008051	.007986	.007962	.007967	.007925	.007966
Material Cost	.022253	.028184	.022112	.020002	.022101	.020987	.016488	.018474
Equipment Hours	.008088	.008043	.008052	.007988	.007963	.007970	.007926	.007968

CONSOLIDATED OPEN DIN FAC

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0000000	Total Summary										
Years		1	2	3	4	5	6	7	8		
Labor Hours	.010146	.019178	.020990	.026623	.023839	.022928	.023478	.023478	.023478	.023478	.023478
Material Cost	.022639	.043929	.045763	.054928	.080025	.082955	.128009	.128009	.128009	.128009	.128009
Equipment Hours	.008959	.016133	.017651	.019248	.020734	.019569	.020052	.020052	.020052	.020052	.020052
Years		9	10	11	12	13	14	15	16		
Labor Hours	.042871	.025072	.031339	.025662	.028026	.034683	.035231	.035231	.035231	.035231	.035231
Material Cost	.649837	.159963	.277782	.221793	.242524	.505126	.577268	.577268	.577268	.577268	.577268
Equipment Hours	.031837	.021593	.028103	.021848	.024431	.026281	.028212	.028212	.028212	.028212	.028212
Years		17	18	19	20	21	22	23	24		
Labor Hours	.043908	.027050	.050226	.028308	.043206	.025819	.037752	.037752	.037752	.037752	.037752
Material Cost	.702158	.261239	.704468	.584861	.361356	.231054	.310654	.310654	.310654	.310654	.310654
Equipment Hours	.032369	.022777	.036860	.023912	.038720	.022497	.033172	.033172	.033172	.033172	.033172
Years		25	26	27	28	29	30	31	32		
Labor Hours	.046359	.036446	.046283	.027151	.046177	.028700	.070783	.070783	.070783	.070783	.070783
Material Cost	1.049871	.402732	.726490	.234383	.981285	.701324	1.538029	1.538029	1.538029	1.538029	1.538029
Equipment Hours	.034025	.031329	.032021	.023512	.032845	.023624	.060037	.060037	.060037	.060037	.060037
Years		33	34	35	36	37	38	39	40		
Labor Hours	.045632	.026682	.028036	.028551	.041907	.049205	.049205	.049205	.049205	.049205	.049205
Material Cost	.776133	.303559	.368997	.242624	.293533	.617684	.294486	.294486	.294486	.294486	.294486
Equipment Hours	.034157	.022468	.023101	.024649	.031439	.042436	.022924	.022924	.022924	.022924	.022924
Years		41	42	43	44	45	46	47	48		
Labor Hours	.073387	.024742	.032730	.028351	.038154	.032345	.029894	.029894	.029894	.029894	.029894
Material Cost	.960352	.246352	.354623	.320596	.262843	.293530	.261963	.261963	.261963	.261963	.261963
Equipment Hours	.054229	.021180	.026562	.024077	.034015	.028515	.026113	.026113	.026113	.026113	.026113
Years		49	50	51	52	53	54	55	56		
Labor Hours	.045026	.028758	.093025	.037445	.048358	.027754	.040691	.040691	.040691	.040691	.040691
Material Cost	1.053205	.302956	.510532	.321047	.655906	.541072	.670414	.670414	.670414	.670414	.670414
Equipment Hours	.032988	.024463	.064409	.033179	.034139	.022990	.030830	.030830	.030830	.030830	.030830
Years		57	58	59	60	61	62	63	64		
Labor Hours	.069388	.030166	.029779	.037547	.070600	.025962	.025962	.025962	.025962	.025962	.025962
Material Cost	1.512412	.429778	.758568	.335049	1.525273	.302922	.393663	.393663	.393663	.393663	.393663
Equipment Hours	.048148	.025364	.024606	.033148	.059915	.022195	.025053	.025053	.025053	.025053	.025053
Years		65	66	67	68	69	70	71	72		
Labor Hours	.044906	.037578	.035046	.028565	.028566	.029386	.029386	.029386	.029386	.029386	.029386
Material Cost	.741291	.701836	.213775	.403986	.448613	.358110	.431607	.431607	.431607	.431607	.431607
Equipment Hours	.033847	.028126	.031479	.024000	.024338	.024065	.034688	.034688	.034688	.034688	.034688
Years		73	74	75	76	77	78	79	80		
Labor Hours	.058149	.040788	.036987	.083787	.031025	.029173	.048443	.048443	.048443	.048443	.048443
Material Cost	1.093724	.584087	.331665	.633333	.319314	.235154	.883390	.883390	.883390	.883390	.883390
Equipment Hours	.040782	.033618	.032313	.056758	.026213	.024945	.033887	.033887	.033887	.033887	.033887

11/13/90 9:52:03
 UM = Unit of Measure ID
 TD = Trade ID

CONSOLIDATED OPEN DIN FAC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years								
Labor Hours	.002375	.003168	.003754	.003492	.003152	.003772	.003420	.003409
Material Cost	.013607	.021457	.021247	.021744	.021449	.021449	.020876	.020876
Equipment Hours	.001188	.001584	.001877	.001746	.001577	.001886	.001710	.001704
Years								
Labor Hours	.004064	.003450	.003170	.003725	.003379	.013187	.009229	.003412
Material Cost	.021163	.021735	.021163	.020876	.020876	.284046	.152885	.020876
Equipment Hours	.002032	.001725	.001586	.001862	.001689	.006594	.004614	.001706
Years								
Labor Hours	.004408	.004151	.004798	.004721	.004706	.003420	.003803	.003838
Material Cost	.027011	.049852	.053711	.050424	.037120	.020876	.021744	.028246
Equipment Hours	.002204	.002076	.003399	.002361	.002353	.001710	.001902	.001919
Years								
Labor Hours	.004117	.003823	.023483	.003566	.013130	.003451	.003153	.003723
Material Cost	.021744	.027011	.284878	.022401	.146446	.021744	.020876	.021449
Equipment Hours	.002059	.001912	.011742	.001783	.006565	.001726	.001577	.001862
Years								
Labor Hours	.003547	.003753	.005232	.003549	.004525	.005283	.003207	.014327
Material Cost	.022316	.026800	.041085	.021457	.058888	.042028	.038401	.303101
Equipment Hours	.001774	.001877	.002616	.001774	.002263	.002642	.001604	.007163
Years								
Labor Hours	.005198	.003163	.008807	.003776	.004705	.004275	.003541	.003226
Material Cost	.040504	.021163	.151933	.021533	.031000	.026430	.022030	.022106
Equipment Hours	.002599	.001582	.004403	.001888	.002353	.002138	.001771	.001613
Years								
Labor Hours	.004492	.003449	.003098	.003802	.023860	.003774	.003612	.006132
Material Cost	.026250	.020876	.020876	.021735	.284031	.027387	.038982	.050198
Equipment Hours	.002247	.001724	.001549	.001902	.011931	.001887	.001807	.003066
Years								
Labor Hours	.013791	.004441	.004282	.003426	.003779	.003473	.005982	.003747
Material Cost	.175708	.033564	.03327	.021457	.021449	.021735	.090369	.021247
Equipment Hours	.006896	.002221	.002142	.001713	.001890	.001737	.002992	.001874
Years								
Labor Hours	.003186	.013535	.003813	.003472	.004370	.006000	.009440	.004924
Material Cost	.021457	.284332	.021449	.021828	.027016	.090655	.155916	.040504
Equipment Hours	.001593	.006768	.001906	.001736	.002186	.003000	.004720	.002462
Years								
Labor Hours	.003455	.005262	.004958	.003809	.005391	.004965	.023474	.003259
Material Cost	.021457	.046644	.041085	.027011	.045297	.041085	.285164	.022316
Equipment Hours	.001728	.002631	.002479	.001905	.002696	.002482	.011737	.001630

CONSOLIDATED OPEN DIN FAC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure			2	1						
Years	1									
Labor Hours	.000059	.000089	.000146	.000609	.000684	.000567	.001199	.012204		
Material Cost	.000456	.000694	.000731	.001494	.005169	.003366	.005593	.031795		
Equipment Hours	.000059	.000089	.000146	.000609	.000684	.000567	.001199	.012204		
Years	9									
Labor Hours	.002255	.001738	.001114	.000543	.000471	.001411	.003854	.009604		
Material Cost	.012267	.012471	.013028	.013076	.012991	.011975	.019411	.020419		
Equipment Hours	.002255	.001738	.001114	.000543	.000471	.001411	.003854	.009604		
Years	17									
Labor Hours	.002133	.001486	.007820	.001224	.002874	.002418	.011411	.005552		
Material Cost	.008186	.004509	.012969	.011113	.011958	.015208	.033682	.017820		
Equipment Hours	.002133	.001486	.007820	.001224	.002874	.002418	.011411	.005552		
Years	25									
Labor Hours	.002291	.002933	.000892	.000592	.002290	.002211	.009281	.001166		
Material Cost	.014453	.012715	.007924	.001810	.011503	.013014	.025974	.015163		
Equipment Hours	.002291	.002933	.000892	.000592	.002290	.002211	.009281	.001166		
Years	33									
Labor Hours	.003177	.001249	.000669	.001827	.002094	.017207	.001104	.001207		
Material Cost	.020362	.014797	.014182	.016586	.014803	.035668	.008671	.005894		
Equipment Hours	.003177	.001249	.000669	.001827	.002094	.017207	.001104	.001207		
Years	41									
Labor Hours	.004722	.000780	.002023	.002655	.011028	.002177	.005495	.002814		
Material Cost	.010404	.010585	.020887	.027163	.043380	.024722	.028993	.026032		
Equipment Hours	.004722	.000780	.002023	.002655	.011028	.002177	.005495	.002814		
Years	49									
Labor Hours	.002376	.002219	.002460	.011087	.001010	.000972	.001890	.000945		
Material Cost	.030328	.025792	.012412	.032695	.015638	.015363	.020640	.021671		
Equipment Hours	.002376	.002219	.002460	.011073	.000996	.000972	.001890	.000930		
Years	57									
Labor Hours	.009775	.001975	.001869	.010067	.003510	.001837	.001130	.001769		
Material Cost	.025833	.021619	.021180	.031401	.014900	.013873	.023529	.016629		
Equipment Hours	.009775	.001975	.001869	.010067	.003510	.001837	.001130	.001769		
Years	65									
Labor Hours	.003258	.001478	.011176	.001296	.001599	.002273	.003133	.002205		
Material Cost	.021267	.025945	.050271	.029139	.031078	.033125	.033725	.030834		
Equipment Hours	.003258	.001478	.011148	.001282	.001586	.002259	.003119	.002191		
Years	73									
Labor Hours	.002831	.011014	.008172	.002486	.001664	.002357	.001921	.001445		
Material Cost	.032534	.053586	.044649	.025689	.016649	.025581	.018945	.020649		
Equipment Hours	.002817	.010985	.008172	.002471	.001664	.002329	.001921	.001431		

CONSOLIDATED OPEN DIM FAC

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0500000	Interior Construction										
Years	1										
Labor Hours	.000003										
Material Cost	.000068										
Equipment Hours	.000003										
Years	9										
Labor Hours	.001358										
Material Cost	.031934										
Equipment Hours	.001335										
Years	17										
Labor Hours	.001201										
Material Cost	.021994										
Equipment Hours	.001178										
Years	25										
Labor Hours	.001669										
Material Cost	.044783										
Equipment Hours	.001646										
Years	33										
Labor Hours	.001148										
Material Cost	.039671										
Equipment Hours	.001125										
Years	41										
Labor Hours	.000421										
Material Cost	.023922										
Equipment Hours	.000398										
Years	49										
Labor Hours	.001035										
Material Cost	.036478										
Equipment Hours	.001012										
Years	57										
Labor Hours	.001379										
Material Cost	.040178										
Equipment Hours	.001355										
Years	65										
Labor Hours	.001620										
Material Cost	.043448										
Equipment Hours	.001583										
Years	73										
Labor Hours	.002141										
Material Cost	.052686										
Equipment Hours	.001864										

CONSOLIDATED OPEN DIN FAC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000395	.002249	.002249	.002259	.002326	.002351	.002781	.003979		
Material Cost	.001516	.009184	.009184	.009868	.014206	.010119	.025109	.062300		
Equipment Hours	.000395	.002249	.002249	.002259	.002326	.002351	.002537	.003173		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.017676	.003081	.008292	.002327	.003781	.002746	.002738	.007917		
Material Cost	.498127	.027770	.028570	.010151	.018405	.028438	.025073	.093190		
Equipment Hours	.010220	.002838	.008292	.002327	.003781	.002498	.002495	.006770		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.017896	.003962	.014150	.002711	.012590	.002595	.003877	.004353		
Material Cost	.499218	.045201	.198494	.010585	.075055	.009411	.044872	.062121		
Equipment Hours	.010272	.003471	.008403	.002711	.012248	.002395	.003385	.003547		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.017692	.009521	.002751	.002862	.002948	.002355	.028594	.004510		
Material Cost	.496830	.079938	.010201	.012865	.015312	.009599	.308337	.081307		
Equipment Hours	.010236	.009094	.002751	.002862	.002948	.002355	.025604	.003455		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.017639	.003418	.002318	.003272	.014200	.004238	.003552	.004245		
Material Cost	.496698	.052357	.009357	.030522	.203109	.014232	.053088	.062287		
Equipment Hours	.010015	.002833	.002318	.003023	.008454	.004238	.002967	.003439		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.035765	.003082	.002665	.002613	.002479	.005917	.002910	.004259		
Material Cost	.637929	.025485	.009457	.010362	.016989	.015648	.025332	.062112		
Equipment Hours	.023244	.002839	.002665	.002613	.002479	.005917	.002667	.003453		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.018111	.003673	.044857	.003343	.002629	.003214	.014505	.004309		
Material Cost	.499878	.044881	.150531	.037604	.014626	.028909	.213654	.062970		
Equipment Hours	.010487	.003181	.030659	.003002	.002629	.002965	.008515	.003503		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.018100	.003416	.002880	.002644	.031591	.002755	.004505	.004379		
Material Cost	.524166	.025671	.029168	.010426	.312184	.010003	.030556	.064168		
Equipment Hours	.010303	.003173	.002632	.002644	.028646	.002755	.004261	.003573		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.017712	.003177	.002307	.003179	.002446	.003279	.010617	.004862		
Material Cost	.499045	.061609	.009300	.079298	.014530	.063578	.500709	.111245		
Equipment Hours	.010088	.002771	.002307	.002720	.002446	.002796	.009025	.003606		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.029894	.003235	.004594	.024085	.003349	.003146	.003354	.004451		
Material Cost	.711835	.052204	.040971	.256361	.039979	.010172	.026228	.065740		
Equipment Hours	.016485	.002849	.004253	.016708	.003101	.003146	.003111	.003587		

CONSOLIDATED OPEN DIN FAC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing		UM TD						
	2 3							
Years								
Labor Hours	.000086	.000617	.001424	.001617	.002286	.001785	.001262	.002564
Material Cost	.000061	.000511	.001184	.002992	.002213	.001502	.004560	.017688
Equipment Hours	.000086	.000617	.001424	.001617	.002286	.001785	.001262	.002564
Years								
Labor Hours	.002301	.002088	.002144	.001947	.002384	.001338	.002179	.003326
Material Cost	.040658	.035459	.057091	.032113	.033526	.008490	.023051	.076571
Equipment Hours	.002275	.002069	.002078	.001913	.002198	.001320	.002159	.003289
Years								
Labor Hours	.001890	.001829	.001812	.002347	.005166	.001706	.001872	.002244
Material Cost	.021894	.018549	.059537	.039807	.066538	.038719	.017024	.010659
Equipment Hours	.001878	.001821	.001747	.002328	.005070	.001691	.001871	.002129
Years								
Labor Hours	.003040	.003188	.001326	.002447	.002403	.002821	.003206	.002565
Material Cost	.015735	.044082	.016356	.042847	.056959	.064746	.132503	.059939
Equipment Hours	.002872	.002474	.001232	.002342	.002271	.002528	.002970	.002364
Years								
Labor Hours	.002626	.001225	.001633	.001913	.001936	.002163	.001616	.001917
Material Cost	.033219	.034461	.023073	.025484	.031048	.036358	.045648	.047153
Equipment Hours	.002466	.001113	.001502	.001784	.001675	.002011	.001467	.001672
Years								
Labor Hours	.012685	.001500	.002093	.002328	.002806	.002774	.001435	.002581
Material Cost	.132826	.041258	.047204	.026775	.031708	.080048	.029465	.026665
Equipment Hours	.008232	.001367	.001943	.002207	.002755	.002687	.001372	.002453
Years								
Labor Hours	.002460	.002508	.003468	.002009	.002194	.001397	.002186	.002956
Material Cost	.064052	.042721	.068633	.029291	.018009	.014698	.018224	.033187
Equipment Hours	.002254	.002250	.002710	.001992	.002193	.001397	.002186	.002862
Years								
Labor Hours	.001934	.001927	.001782	.002993	.005789	.001702	.002032	.002493
Material Cost	.013617	.036086	.036834	.048212	.129745	.057681	.027726	.043894
Equipment Hours	.001934	.001880	.001756	.002670	.005556	.001564	.001901	.002291
Years								
Labor Hours	.003046	.002255	.001688	.002673	.001936	.001862	.001558	.002120
Material Cost	.028413	.026877	.022383	.033221	.048655	.046537	.064593	.046076
Equipment Hours	.002925	.002137	.01595	.002581	.001795	.001551	.001372	.001865
Years								
Labor Hours	.002685	.001572	.002434	.024704	.001910	.002135	.001880	.002416
Material Cost	.048919	.020089	.036996	.167659	.035354	.035834	.065407	.041981
Equipment Hours	.002426	.001431	.002242	.013836	.001784	.002006	.001740	.002029

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 UM = Unit of Measure ID
 TD = Trade ID

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CONSOLIDATED OPEN DIN FAC

Resources Per Square Foot

Task Description	UM	TD	2	9
0900000 HVAC				
Years	1	2	3	4
Labor Hours	.002385	.007350	.007418	.007739
Material Cost	.006711	.011780	.011935	.012584
Equipment Hours	.002385	.005888	.005956	.006109
Years	9	10	11	12
Labor Hours	.008254	.007546	.007969	.008480
Material Cost	.022481	.014748	.049417	.071657
Equipment Hours	.006754	.006053	.006381	.006561
Years	17	18	19	20
Labor Hours	.008645	.008046	.011205	.008773
Material Cost	.077837	.080519	.308349	.406899
Equipment Hours	.006969	.006352	.007308	.006759
Years	25	26	27	28
Labor Hours	.009954	.008578	.009371	.008047
Material Cost	.420459	.130642	.307583	.025773
Equipment Hours	.007329	.006590	.006953	.006407
Years	33	34	35	36
Labor Hours	.008963	.007785	.008817	.008278
Material Cost	.069493	.050023	.170952	.041121
Equipment Hours	.007106	.006221	.006661	.006533
Years	41	42	43	44
Labor Hours	.008460	.008088	.008215	.008852
Material Cost	.038646	.087833	.053001	.172050
Equipment Hours	.006910	.006487	.006607	.006597
Years	49	50	51	52
Labor Hours	.008933	.008144	.007855	.008383
Material Cost	.326946	.084294	.055463	.106359
Equipment Hours	.007023	.006330	.006259	.006392
Years	57	58	59	60
Labor Hours	.015791	.008584	.009449	.008718
Material Cost	.647349	.168742	.544245	.097113
Equipment Hours	.009275	.006416	.006706	.006571
Years	65	66	67	68
Labor Hours	.008760	.008563	.007882	.008976
Material Cost	.091014	.217067	.035613	.163569
Equipment Hours	.007080	.006412	.006361	.006719
Years	73	74	75	76
Labor Hours	.008548	.011059	.008013	.008253
Material Cost	.158586	.310900	.080570	.059725
Equipment Hours	.006871	.007081	.006355	.006655
Years	80	81	82	83
Labor Hours	.007920	.007695	.008184	.008606
Material Cost	.014325	.015041	.017769	.070611
Equipment Hours	.006249	.006222	.006655	.006910
Years	86	87	88	89
Labor Hours	.008226	.008059	.008861	.008606
Material Cost	.039763	.099323	.079424	.406899
Equipment Hours	.007500	.006520	.007143	.006759
Years	93	94	95	96
Labor Hours	.008897	.007796	.008606	.008773
Material Cost	.125069	.084587	.070611	.308349
Equipment Hours	.006713	.006204	.006910	.006759
Years	100	101	102	103
Labor Hours	.008430	.009636	.015858	.008047
Material Cost	.079884	.492980	.64576	.130642
Equipment Hours	.006444	.006671	.009222	.006407
Years	107	108	109	110
Labor Hours	.007982	.010944	.008896	.008278
Material Cost	.050864	.319027	.093622	.041121
Equipment Hours	.006307	.006986	.006983	.006533
Years	114	115	116	117
Labor Hours	.008062	.007862	.008710	.008852
Material Cost	.080260	.064692	.078037	.172050
Equipment Hours	.006367	.006261	.006982	.006597
Years	121	122	123	124
Labor Hours	.008438	.009496	.009506	.008383
Material Cost	.069325	.364514	.229354	.106359
Equipment Hours	.006631	.006868	.007236	.006392
Years	128	129	130	131
Labor Hours	.008133	.009313	.008866	.008718
Material Cost	.054689	.097861	.107718	.097113
Equipment Hours	.006536	.006498	.007009	.006571
Years	135	136	137	138
Labor Hours	.008010	.007945	.008926	.008976
Material Cost	.037469	.049925	.245517	.163569
Equipment Hours	.006472	.006409	.007061	.006719
Years	142	143	144	145
Labor Hours	.008916	.007786	.008781	.008253
Material Cost	.379597	.031893	.085402	.059725
Equipment Hours	.006486	.006200	.007042	.006655

CONSOLIDATED OPEN DIN FAC

Resources Per Square Foot

Task Description	UM	TD	2	3	4	5	6	7	8
1100000 Interior Electrical									
Years	1	2	3	4	5	6	7	8	
Labor Hours	.000293	.001012	.001330	.001284	.001455	.001788	.002058	.001853	
Material Cost	.000000	.000177	.001356	.002633	.002786	.011687	.012422	.015350	
Equipment Hours	.000293	.001012	.001330	.001284	.001455	.001788	.002058	.001853	
Years	9	10	11	12	13	14	15	16	
Labor Hours	.002192	.002038	.003430	.002526	.003041	.002661	.002906	.002724	
Material Cost	.014827	.015716	.072672	.035410	.039013	.035972	.036755	.034102	
Equipment Hours	.002192	.002038	.003430	.002526	.003039	.002656	.002903	.002720	
Years	17	18	19	20	21	22	23	24	
Labor Hours	.002890	.002598	.002906	.002501	.003162	.002407	.002684	.002487	
Material Cost	.034641	.038494	.034712	.031204	.064014	.025412	.034807	.027275	
Equipment Hours	.002887	.002594	.002900	.002498	.003159	.002400	.002683	.002483	
Years	25	26	27	28	29	30	31	32	
Labor Hours	.002829	.002911	.002994	.003384	.002844	.002925	.011533	.003344	
Material Cost	.028404	.062696	.059871	.092030	.037464	.065873	.906071	.081668	
Equipment Hours	.002824	.002846	.002983	.003286	.002843	.002857	.007576	.003277	
Years	33	34	35	36	37	38	39	40	
Labor Hours	.003692	.003295	.003193	.003316	.003636	.003395	.003491	.003393	
Material Cost	.083889	.081369	.054178	.050911	.052787	.128128	.051872	.049572	
Equipment Hours	.003656	.003231	.003189	.003312	.003633	.003374	.003482	.003389	
Years	41	42	43	44	45	46	47	48	
Labor Hours	.003323	.002404	.002870	.002484	.002824	.002634	.002709	.002561	
Material Cost	.066552	.025943	.036420	.028463	.030208	.037749	.039275	.041045	
Equipment Hours	.003312	.002398	.002863	.002472	.002817	.002628	.002698	.002556	
Years	49	50	51	52	53	54	55	56	
Labor Hours	.002779	.002543	.004469	.003179	.003514	.003174	.003603	.003674	
Material Cost	.058730	.038277	.136351	.055071	.059231	.052918	.054761	.077275	
Equipment Hours	.002764	.002536	.004460	.003175	.003510	.003172	.003598	.003610	
Years	57	58	59	60	61	62	63	64	
Labor Hours	.003686	.003978	.003599	.003604	.010773	.002475	.003045	.002799	
Material Cost	.074306	.108207	.051702	.075943	.879176	.051599	.131990	.056687	
Equipment Hours	.003675	.003879	.003598	.003537	.006812	.002410	.002994	.002729	
Years	65	66	67	68	69	70	71	72	
Labor Hours	.002553	.002655	.002869	.002796	.003060	.002733	.004160	.003201	
Material Cost	.027824	.039348	.037755	.041241	.040791	.039581	.093635	.054281	
Equipment Hours	.002549	.002643	.002864	.002789	.003048	.002725	.004155	.003190	
Years	73	74	75	76	77	78	79	80	
Labor Hours	.003716	.003186	.003329	.003314	.003515	.003217	.003513	.003163	
Material Cost	.059085	.052471	.053570	.049772	.053362	.056078	.072493	.048842	
Equipment Hours	.003712	.003178	.003321	.003311	.003511	.003213	.003504	.003158	

CONSOLIDATED OPEN DIN FAC

Resources Per Square Foot

Task	Description	Electr.	System	UM	TD									
1200000	Special Inter.	2	2	2	2									
Years		1	2	3	4	5	6	7	8					
Labor Hours		.004550	.004687	.004664	.004694	.004665	.004791	.004775	.004700					
Material Cost		.000000	.000000	.000000	.000655	.000486	.000448	.000386	.005975					
Equipment Hours		.004550	.004687	.004664	.004694	.004665	.004792	.004776	.004701					
Years		9	10	11	12	13	14	15	16					
Labor Hours		.004772	.004776	.004859	.004867	.004846	.004875	.004850	.004828					
Material Cost		.008382	.006383	.009795	.011069	.008523	.011463	.008926	.018554					
Equipment Hours		.004773	.004777	.004360	.004869	.004847	.004876	.004851	.004829					
Years		17	18	19	20	21	22	23	24					
Labor Hours		.004846	.004792	.004832	.004794	.004780	.004770	.004778	.004762					
Material Cost		.011377	.008233	.010469	.008212	.007183	.009998	.006698	.009126					
Equipment Hours		.004847	.004793	.004834	.004795	.004780	.004771	.004779	.004763					
Years		25	26	27	28	29	30	31	32					
Labor Hours		.004768	.004845	.004892	.004831	.004898	.004817	.004878	.004847					
Material Cost		.007463	.009691	.011081	.008372	.011784	.008373	.018541	.011440					
Equipment Hours		.004769	.004846	.004893	.004832	.004900	.004818	.004879	.004848					
Years		33	34	35	36	37	38	39	40					
Labor Hours		.004839	.004850	.004852	.004834	.004884	.004822	.004866	.004815					
Material Cost		.008404	.010322	.009049	.007336	.010205	.006666	.009616	.004927					
Equipment Hours		.004840	.004851	.004853	.004835	.004885	.004823	.004867	.004816					
Years		41	42	43	44	45	46	47	48					
Labor Hours		.004813	.004819	.004811	.004823	.004801	.004824	.004846	.004792					
Material Cost		.009569	.011047	.008479	.011333	.008849	.018541	.011378	.008233					
Equipment Hours		.004814	.004820	.004812	.004824	.004802	.004825	.004848	.004793					
Years		49	50	51	52	53	54	55	56					
Labor Hours		.004840	.004788	.004863	.004843	.004846	.004847	.004849	.004878					
Material Cost		.010542	.008347	.007522	.010094	.008842	.009356	.007689	.009790					
Equipment Hours		.004842	.004789	.004864	.004844	.004847	.004848	.004850	.004879					
Years		57	58	59	60	61	62	63	64					
Labor Hours		.004932	.004855	.004927	.004848	.004795	.004774	.004772	.004765					
Material Cost		.011254	.008446	.011823	.008313	.018203	.011344	.008340	.010092					
Equipment Hours		.004933	.004856	.004928	.004849	.004796	.004775	.004773	.004766					
Years		65	66	67	68	69	70	71	72					
Labor Hours		.004770	.004801	.004843	.004798	.004837	.004784	.004896	.004892					
Material Cost		.008823	.007236	.010032	.006591	.009576	.006987	.009907	.011144					
Equipment Hours		.004771	.004802	.004844	.004799	.004839	.004785	.004897	.004893					
Years		73	74	75	76	77	78	79	80					
Labor Hours		.004878	.004908	.004883	.004856	.004887	.004816	.004869	.004819					
Material Cost		.008623	.011563	.009074	.018641	.011551	.008308	.010581	.008287					
Equipment Hours		.004879	.004909	.004888	.004857	.004888	.004817	.004870	.004820					

COMMUNITY RETAIL STORE

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
0000000	Total Summary								
Years									
Labor Hours	.006300	.017885	.019366	.020783	.023378	.022564	.026951	.031126	
Material Cost	.028879	.056504	.057686	.068156	.094973	.106703	.184254	.283538	
Equipment Hours	.004963	.014157	.015367	.016814	.019470	.018449	.022109	.025100	
Years									
Labor Hours	.039891	.028574	.029721	.028224	.028132	.033638	.037745	.039724	
Material Cost	.509079	.247703	.317207	.323380	.359698	.489085	.675138	.481197	
Equipment Hours	.030635	.023416	.025612	.023311	.023202	.025851	.028920	.032589	
Years									
Labor Hours	.044269	.030698	.051011	.035554	.044211	.030674	.033537	.03748	
Material Cost	.641893	.407242	.825371	.587979	.506839	.392107	.533665	.445199	
Equipment Hours	.033703	.024526	.037555	.028109	.037139	.024391	.027356	.030788	
Years									
Labor Hours	.045196	.041454	.043688	.032468	.062120	.034218	.079765	.036641	
Material Cost	.753144	.645613	.642675	.474634	.797149	.790312	1.204092	.745113	
Equipment Hours	.034457	.032537	.031890	.026060	.041753	.025392	.053639	.028608	
Years									
Labor Hours	.047555	.034200	.032408	.030759	.042595	.041860	.036519	.046795	
Material Cost	.818655	.563374	.507175	.396039	.718089	.569352	.486168	.972384	
Equipment Hours	.035659	.027925	.025994	.025350	.032137	.032800	.028867	.034040	
Years									
Labor Hours	.061131	.034969	.033170	.033714	.032003	.033144	.033364	.036723	
Material Cost	.889098	.407705	.375359	.462878	.361508	.322692	.388572	.462614	
Equipment Hours	.045695	.027471	.026579	.026650	.026748	.028177	.027717	.029392	
Years									
Labor Hours	.043520	.031048	.059370	.043083	.044125	.033606	.043397	.042584	
Material Cost	.768165	.419367	.640353	.513193	.588710	.653023	.701044	.732182	
Equipment Hours	.033059	.025167	.044041	.034164	.032137	.026116	.032402	.032588	
Years									
Labor Hours	.082450	.036637	.045085	.035611	.087788	.031385	.034437	.035953	
Material Cost	1.264468	.734173	1.060079	.491748	1.150922	.499029	.562809	.672437	
Equipment Hours	.054684	.028557	.034075	.029045	.061195	.024484	.026594	.028095	
Years									
Labor Hours	.050285	.037533	.033077	.031106	.029956	.029268	.042233	.038764	
Material Cost	.851470	.566468	.481337	.403348	.482251	.335248	1.031039	.711838	
Equipment Hours	.037691	.028210	.027338	.025004	.024494	.023756	.033028	.030322	
Years									
Labor Hours	.056489	.037932	.043787	.062229	.035989	.036291	.048584	.040396	
Material Cost	1.234167	.632843	.542157	.495997	.459152	.421493	.858642	.587570	
Equipment Hours	.040628	.029741	.034273	.044877	.029297	.028377	.034882	.031180	

COMMUNITY RETAIL STORE

Resources Per Square Foot

Task Description	UM	TD	2	17
0300000 Roofing				
Years	1			
Labor Hours	.002674			
Material Cost	.017062			
Equipment Hours	.001338			
Years	2			
Labor Hours	.004004			
Material Cost	.029671			
Equipment Hours	.002002			
Years	3			
Labor Hours	.004538			
Material Cost	.029156			
Equipment Hours	.002173			
Years	4			
Labor Hours	.004344			
Material Cost	.029156			
Equipment Hours	.002173			
Years	5			
Labor Hours	.004250			
Material Cost	.032261			
Equipment Hours	.002125			
Years	6			
Labor Hours	.004308			
Material Cost	.031321			
Equipment Hours	.002382			
Years	7			
Labor Hours	.004308			
Material Cost	.031321			
Equipment Hours	.002382			
Years	8			
Labor Hours	.004227			
Material Cost	.028400			
Equipment Hours	.002114			
Years	9			
Labor Hours	.004706			
Material Cost	.028695			
Equipment Hours	.002353			
Years	10			
Labor Hours	.004591			
Material Cost	.032152			
Equipment Hours	.002296			
Years	11			
Labor Hours	.004204			
Material Cost	.031224			
Equipment Hours	.002102			
Years	12			
Labor Hours	.005436			
Material Cost	.052631			
Equipment Hours	.002718			
Years	13			
Labor Hours	.005119			
Material Cost	.054580			
Equipment Hours	.002560			
Years	14			
Labor Hours	.010655			
Material Cost	.138507			
Equipment Hours	.004646			
Years	15			
Labor Hours	.009293			
Material Cost	.138507			
Equipment Hours	.004646			
Years	16			
Labor Hours	.004589			
Material Cost	.032283			
Equipment Hours	.002295			
Years	17			
Labor Hours	.004953			
Material Cost	.032906			
Equipment Hours	.002477			
Years	18			
Labor Hours	.005286			
Material Cost	.042511			
Equipment Hours	.002643			
Years	19			
Labor Hours	.011670			
Material Cost	.118096			
Equipment Hours	.005835			
Years	20			
Labor Hours	.008925			
Material Cost	.085827			
Equipment Hours	.004463			
Years	21			
Labor Hours	.009255			
Material Cost	.099959			
Equipment Hours	.004628			
Years	22			
Labor Hours	.007389			
Material Cost	.070500			
Equipment Hours	.003695			
Years	23			
Labor Hours	.004626			
Material Cost	.029895			
Equipment Hours	.002313			
Years	24			
Labor Hours	.004757			
Material Cost	.036358			
Equipment Hours	.002379			
Years	25			
Labor Hours	.005794			
Material Cost	.040723			
Equipment Hours	.002897			
Years	26			
Labor Hours	.008036			
Material Cost	.076986			
Equipment Hours	.004019			
Years	27			
Labor Hours	.017769			
Material Cost	.204088			
Equipment Hours	.008885			
Years	28			
Labor Hours	.007012			
Material Cost	.061366			
Equipment Hours	.003506			
Years	29			
Labor Hours	.032460			
Material Cost	.200368			
Equipment Hours	.016230			
Years	30			
Labor Hours	.008074			
Material Cost	.074770			
Equipment Hours	.004037			
Years	31			
Labor Hours	.029905			
Material Cost	.171278			
Equipment Hours	.014953			
Years	32			
Labor Hours	.004440			
Material Cost	.029985			
Equipment Hours	.002220			
Years	33			
Labor Hours	.004575			
Material Cost	.031065			
Equipment Hours	.002288			
Years	34			
Labor Hours	.004693			
Material Cost	.033271			
Equipment Hours	.002347			
Years	35			
Labor Hours	.005512			
Material Cost	.044745			
Equipment Hours	.002756			
Years	36			
Labor Hours	.005035			
Material Cost	.037735			
Equipment Hours	.002518			
Years	37			
Labor Hours	.007233			
Material Cost	.076557			
Equipment Hours	.003617			
Years	38			
Labor Hours	.009831			
Material Cost	.121113			
Equipment Hours	.004916			
Years	39			
Labor Hours	.008387			
Material Cost	.112491			
Equipment Hours	.004194			
Years	40			
Labor Hours	.013119			
Material Cost	.237167			
Equipment Hours	.006560			
Years	41			
Labor Hours	.008711			
Material Cost	.118111			
Equipment Hours	.004356			
Years	42			
Labor Hours	.006577			
Material Cost	.070667			
Equipment Hours	.003289			
Years	43			
Labor Hours	.008386			
Material Cost	.099362			
Equipment Hours	.004193			
Years	44			
Labor Hours	.008421			
Material Cost	.108571			
Equipment Hours	.004211			
Years	45			
Labor Hours	.005324			
Material Cost	.037458			
Equipment Hours	.002662			
Years	46			
Labor Hours	.005233			
Material Cost	.035112			
Equipment Hours	.002617			
Years	47			
Labor Hours	.004941			
Material Cost	.035105			
Equipment Hours	.002470			
Years	48			
Labor Hours	.004294			
Material Cost	.030112			
Equipment Hours	.002147			
Years	49			
Labor Hours	.004744			
Material Cost	.030493			
Equipment Hours	.002372			
Years	50			
Labor Hours	.004078			
Material Cost	.028315			
Equipment Hours	.002039			
Years	51			
Labor Hours	.005570			
Material Cost	.043531			
Equipment Hours	.002785			
Years	52			
Labor Hours	.007747			
Material Cost	.071757			
Equipment Hours	.003874			
Years	53			
Labor Hours	.017565			
Material Cost	.202507			
Equipment Hours	.008782			
Years	54			
Labor Hours	.007206			
Material Cost	.066195			
Equipment Hours	.003603			
Years	55			
Labor Hours	.005209			
Material Cost	.035431			
Equipment Hours	.002605			
Years	56			
Labor Hours	.004071			
Material Cost	.047530			
Equipment Hours	.003036			
Years	57			
Labor Hours	.035791			
Material Cost	.245425			
Equipment Hours	.017896			
Years	58			
Labor Hours	.005602			
Material Cost	.041379			
Equipment Hours	.002801			
Years	59			
Labor Hours	.010947			
Material Cost	.114375			
Equipment Hours	.005474			
Years	60			
Labor Hours	.006755			
Material Cost	.064057			
Equipment Hours	.003378			
Years	61			
Labor Hours	.033332			
Material Cost	.220629			
Equipment Hours	.016667			
Years	62			
Labor Hours	.007893			
Material Cost	.074324			
Equipment Hours	.003947			
Years	63			
Labor Hours	.004883			
Material Cost	.037962			
Equipment Hours	.002442			
Years	64			
Labor Hours	.004830			
Material Cost	.034544			
Equipment Hours	.002415			
Years	65			
Labor Hours	.005751			
Material Cost	.066276			
Equipment Hours	.002876			
Years	66			
Labor Hours	.011336			
Material Cost	.205869			
Equipment Hours	.005668			
Years	67			
Labor Hours	.005858			
Material Cost	.044902			
Equipment Hours	.002929			
Years	68			
Labor Hours	.004814			
Material Cost	.039228			
Equipment Hours	.002407			
Years	69			
Labor Hours	.004763			
Material Cost	.032614			
Equipment Hours	.002382			
Years	70			
Labor Hours	.006786			
Material Cost	.031865			
Equipment Hours	.003293			
Years	71			
Labor Hours	.005285			
Material Cost	.044657			
Equipment Hours	.002643			
Years	72			
Labor Hours	.004830			
Material Cost	.034544			
Equipment Hours	.002415			
Years	73			
Labor Hours	.006604			
Material Cost	.079164			
Equipment Hours	.003303			
Years	74			
Labor Hours	.005594			
Material Cost	.044865			
Equipment Hours	.002798			
Years	75			
Labor Hours	.008897			
Material Cost	.098351			
Equipment Hours	.004449			
Years	76			
Labor Hours	.005701			
Material Cost	.048782			
Equipment Hours	.002851			
Years	77			
Labor Hours	.007808			
Material Cost	.080942			
Equipment Hours	.003904			
Years	78			
Labor Hours	.009650			
Material Cost	.106432			
Equipment Hours	.004825			
Years	79			
Labor Hours	.019519			
Material Cost	.234442			
Equipment Hours	.009760			
Years	80			
Labor Hours	.008214			
Material Cost	.086166			
Equipment Hours	.004107			

COMMUNITY RETAIL STORE

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
040000 Exterior Closure	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000076	.000118	.000173	.000871	.001915	.001268	.003884	.004525
Material Cost	.000506	.000855	.000961	.002750	.007971	.005977	.014367	.018031
Equipment Hours	.000076	.000118	.000173	.000871	.001915	.001268	.003884	.004525
Years	9	10	11	12	13	14	15	16
Labor Hours	.005162	.003801	.003419	.002697	.001033	.003122	.004582	.005105
Material Cost	.022394	.019320	.024848	.022585	.018328	.021715	.024899	.018182
Equipment Hours	.005162	.003801	.003419	.002697	.001033	.003122	.004582	.005105
Years	17	18	19	20	21	22	23	24
Labor Hours	.005386	.002606	.007248	.003794	.003354	.002737	.005641	.007513
Material Cost	.019532	.013752	.024582	.021930	.018392	.016631	.026542	.028833
Equipment Hours	.005386	.002606	.007248	.003794	.003354	.002737	.005638	.007509
Years	25	26	27	28	29	30	31	32
Labor Hours	.005272	.004823	.004218	.002651	.003143	.002300	.003893	.003527
Material Cost	.023357	.025351	.021741	.013591	.019450	.019485	.027028	.027035
Equipment Hours	.005269	.004823	.004214	.002648	.003143	.002297	.003889	.003527
Years	33	34	35	36	37	38	39	40
Labor Hours	.005765	.005435	.003198	.002736	.002716	.006602	.003410	.004622
Material Cost	.035200	.032146	.023511	.024673	.023242	.027946	.025459	.025483
Equipment Hours	.005754	.005435	.003198	.002729	.002716	.006599	.003313	.004622
Years	41	42	43	44	45	46	47	48
Labor Hours	.005289	.004091	.003875	.004047	.004260	.004209	.006769	.006440
Material Cost	.021616	.026658	.027338	.034783	.029666	.039431	.047151	.043992
Equipment Hours	.005289	.003949	.003872	.003950	.004257	.004205	.006758	.006440
Years	49	50	51	52	53	54	55	56
Labor Hours	.005150	.003711	.004507	.007847	.002388	.003021	.003648	.004892
Material Cost	.042356	.040601	.039070	.043818	.034592	.037153	.037903	.033660
Equipment Hours	.005147	.003708	.004693	.007838	.002375	.003007	.003639	.004879
Years	57	58	59	60	61	62	63	64
Labor Hours	.007930	.003201	.005570	.004444	.003338	.001570	.002749	.003421
Material Cost	.052643	.025094	.037058	.030146	.026665	.024152	.027556	.028568
Equipment Hours	.007719	.003192	.005556	.004431	.003311	.001553	.002735	.003405
Years	65	66	67	68	69	70	71	72
Labor Hours	.006752	.003636	.006389	.003099	.002023	.003538	.006415	.005597
Material Cost	.038850	.034533	.048818	.042945	.038965	.037090	.048459	.046229
Equipment Hours	.006732	.003612	.006376	.003071	.002006	.003525	.006402	.005584
Years	73	74	75	76	77	78	79	80
Labor Hours	.005502	.006008	.010731	.005546	.003246	.003223	.003887	.004608
Material Cost	.043432	.045193	.019771	.038701	.029861	.033634	.031050	.040209
Equipment Hours	.005485	.005994	.009430	.005497	.003233	.003204	.003878	.004497

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UM = Unit of Measure ID
TD = Trade ID

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COMMUNITY RETAIL STORE

Resources Per Square Foot

Task Description	UM	TD								
0500000 Interior Construction	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000005	.000009	.000030	.000736	.000786	.000111	.000235	.000939		
Material Cost	.000134	.000210	.000278	.002510	.009719	.007003	.008266	.011656		
Equipment Hours	.000005	.000009	.000030	.000736	.000786	.000111	.000235	.000939		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.000967	.000392	.000439	.001039	.000980	.000504	.000516	.000946		
Material Cost	.023592	.023107	.024909	.026553	.026562	.024807	.024806	.014063		
Equipment Hours	.000967	.000392	.000439	.001039	.000980	.000466	.000509	.000932		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.000934	.000223	.000786	.001009	.001085	.000513	.000498	.001039		
Material Cost	.014849	.011599	.023340	.023518	.023804	.023261	.025221	.024047		
Equipment Hours	.000896	.000223	.000524	.000971	.001077	.000500	.000460	.001039		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.001166	.000720	.000393	.001146	.001295	.000504	.000822	.001245		
Material Cost	.030740	.032447	.021221	.026999	.028497	.023607	.039145	.043445		
Equipment Hours	.001166	.000720	.000393	.001146	.001295	.000504	.000822	.001207		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.001001	.000878	.001119	.001223	.001537	.001012	.000849	.000641		
Material Cost	.034833	.034833	.040792	.041059	.047680	.032287	.031879	.029061		
Equipment Hours	.000994	.000870	.001071	.001223	.001290	.000917	.000841	.000628		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.000526	.000669	.000702	.000801	.000861	.000861	.000800	.001124		
Material Cost	.020922	.019495	.019564	.019357	.023407	.023322	.023894	.025992		
Equipment Hours	.000488	.000669	.000702	.000801	.000857	.000774	.000713	.000950		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.001073	.001081	.002725	.001096	.001051	.000962	.001482	.001394		
Material Cost	.033909	.033333	.032097	.029371	.031401	.031378	.046566	.035963		
Equipment Hours	.000986	.000956	.001710	.000957	.000877	.000745	.001147	.001081		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.001146	.000924	.001211	.001366	.001086	.000878	.000733	.001431		
Material Cost	.031178	.030921	.033403	.041904	.037718	.038472	.031993	.033385		
Equipment Hours	.000964	.000824	.000957	.001062	.000999	.000704	.000603	.001258		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.001456	.000919	.000691	.001425	.001357	.000809	.001098	.001582		
Material Cost	.041010	.039773	.029981	.039711	.032386	.028770	.036405	.038060		
Equipment Hours	.001325	.000789	.000513	.001213	.001219	.000584	.000794	.001360		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.001989	.000902	.000886	.002124	.001548	.000764	.000710	.001299		
Material Cost	.048423	.037979	.039190	.039167	.039120	.025438	.027282	.031083		
Equipment Hours	.001606	.000672	.000700	.001687	.001424	.000586	.000575	.000994		

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UM = Unit of Measure ID
TD = Trade ID

COMMUNITY RETAIL STORE

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1									
Labor Hours	.001179	.003218	.003218	.003264	.003313	.003214	.003313	.003214	.005268	.007953
Material Cost	.005390	.015458	.015458	.015662	.019733	.015612	.019733	.015612	.078228	.163611
Equipment Hours	.001179	.003218	.003218	.003264	.003313	.003214	.003313	.003214	.004314	.005692
Years	9									
Labor Hours	.014247	.006133	.005684	.003659	.003703	.004252	.003703	.004252	.006051	.012973
Material Cost	.353157	.093121	.026326	.019044	.025657	.051472	.025657	.051472	.106658	.209362
Equipment Hours	.009134	.005053	.005684	.003659	.003636	.003814	.003636	.003814	.004755	.010264
Years	17									
Labor Hours	.016711	.007118	.015383	.005122	.011236	.005785	.011236	.005785	.007271	.009585
Material Cost	.390254	.107035	.436632	.051699	.066717	.061110	.066717	.061110	.114834	.170439
Equipment Hours	.010753	.005793	.010365	.004732	.010975	.005249	.010975	.005249	.005880	.007256
Years	25									
Labor Hours	.015194	.008505	.003992	.004981	.004415	.004469	.004415	.004469	.022910	.009261
Material Cost	.354509	.127423	.024465	.034657	.032298	.024751	.032298	.024751	.142043	.205811
Equipment Hours	.010076	.007015	.003992	.004689	.004406	.004184	.004406	.004184	.016544	.006562
Years	33									
Labor Hours	.017483	.006730	.005391	.005270	.013445	.007413	.013445	.007413	.007514	.010477
Material Cost	.398096	.130717	.070927	.038657	.381753	.111446	.381753	.111446	.109511	.208581
Equipment Hours	.010754	.005338	.004525	.004744	.009194	.005970	.009194	.005970	.006304	.007400
Years	41									
Labor Hours	.022652	.008200	.004333	.004806	.004362	.007089	.004362	.007089	.005488	.009347
Material Cost	.414950	.104895	.016781	.019770	.023892	.025152	.023892	.025152	.078831	.166095
Equipment Hours	.016423	.006711	.004333	.004806	.004354	.007081	.004354	.007081	.004334	.006561
Years	49									
Labor Hours	.015664	.006851	.026036	.010079	.004957	.004565	.004957	.004565	.014309	.011870
Material Cost	.371263	.124996	.126905	.061689	.068063	.038258	.068063	.038258	.436403	.264703
Equipment Hours	.009971	.005329	.017221	.007382	.004283	.004105	.004283	.004105	.009090	.008163
Years	57									
Labor Hours	.016257	.008625	.006340	.005731	.025979	.005426	.025979	.005426	.008469	.009982
Material Cost	.393987	.142909	.064566	.032900	.090234	.026820	.090234	.026820	.093987	.180070
Equipment Hours	.010727	.006711	.005797	.005380	.020666	.005418	.020666	.005418	.006603	.007627
Years	65									
Labor Hours	.017517	.006146	.003694	.005508	.004697	.004870	.004697	.004870	.010904	.009168
Material Cost	.367629	.106315	.038445	.076385	.073407	.054207	.073407	.054207	.582783	.217267
Equipment Hours	.011451	.004728	.003577	.004490	.004181	.004219	.004181	.004219	.007808	.006433
Years	73									
Labor Hours	.023984	.008523	.004804	.017993	.006064	.005806	.006064	.005806	.006972	.009538
Material Cost	.795148	.206812	.068279	.109991	.059704	.030529	.059704	.030529	.082936	.167818
Equipment Hours	.014192	.006097	.004288	.013146	.005579	.005322	.005579	.005322	.005957	.007208

COMMUNITY RETAIL STORE

Resources Per Square Foot

Task Description	UM ID	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000132	.000823	.001307	.001427	.001894	.001810	.001528	.002109
Material Cost	.000075	.000429	.000833	.001931	.001582	.001588	.001224	.001226
Equipment Hours	.000132	.000823	.001307	.001417	.001873	.001810	.001528	.002098
Years	9	10	11	12	13	14	15	16
Labor Hours	.002131	.001915	.002345	.002176	.002489	.001996	.002377	.002547
Material Cost	.028144	.024735	.042382	.041566	.028527	.019017	.013075	.029632
Equipment Hours	.002090	.001896	.002271	.002080	.002289	.001942	.002334	.002505
Years	17	18	19	20	21	22	23	24
Labor Hours	.001984	.002087	.002052	.002536	.005250	.001859	.002371	.002195
Material Cost	.018610	.022876	.042029	.031691	.062555	.034968	.019322	.015864
Equipment Hours	.001918	.002032	.002015	.002436	.005096	.001830	.002221	.002036
Years	25	26	27	28	29	30	31	32
Labor Hours	.003228	.002722	.003391	.002350	.002849	.002684	.002730	.002515
Material Cost	.023635	.026131	.031562	.032519	.053808	.036867	.071573	.044416
Equipment Hours	.002808	.002356	.002113	.002266	.002551	.002436	.002556	.002382
Years	33	34	35	36	37	38	39	40
Labor Hours	.002589	.001850	.002595	.002100	.002498	.002351	.001966	.002142
Material Cost	.034229	.024080	.024447	.020264	.030622	.031205	.036758	.035502
Equipment Hours	.002401	.001768	.002222	.001934	.002074	.002158	.001824	.001959
Years	41	42	43	44	45	46	47	48
Labor Hours	.009526	.002773	.003372	.002334	.003199	.002681	.002144	.002429
Material Cost	.096669	.054769	.034352	.027557	.025032	.035147	.028274	.028039
Equipment Hours	.006859	.002245	.002200	.002194	.002824	.002446	.002062	.002313
Years	49	50	51	52	53	54	55	56
Labor Hours	.002713	.002549	.002916	.002167	.002629	.002344	.003880	.002561
Material Cost	.052372	.032724	.058172	.024505	.023442	.017984	.017053	.013715
Equipment Hours	.002423	.002270	.002490	.002079	.002446	.002181	.003117	.002561
Years	57	58	59	60	61	62	63	64
Labor Hours	.002159	.002315	.002131	.002268	.005163	.002300	.003571	.002376
Material Cost	.025780	.026227	.039347	.029278	.084560	.049730	.036241	.036992
Equipment Hours	.002037	.002165	.002022	.002216	.004906	.002063	.002799	.002189
Years	65	66	67	68	69	70	71	72
Labor Hours	.004061	.002425	.002491	.002667	.002230	.002313	.002203	.002167
Material Cost	.023450	.020422	.019538	.024373	.032422	.036515	.052575	.049872
Equipment Hours	.003278	.002301	.002302	.002531	.002097	.001972	.001891	.002013
Years	73	74	75	76	77	78	79	80
Labor Hours	.002842	.002284	.004140	.016731	.002191	.002252	.002517	.002324
Material Cost	.042865	.030780	.031801	.075320	.027544	.038056	.054327	.031125
Equipment Hours	.002493	.002083	.003167	.009520	.001995	.002126	.002200	.002173

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UM = Unit of Measure ID
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COMMUNITY RETAIL STORE

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001115	.007061	.007137	.007253	.008146	.007303	.007329	.007494
Material Cost	.005634	.009431	.009557	.010318	.018901	.018594	.023134	.022703
Equipment Hours	.001115	.005335	.005407	.005467	.006384	.005569	.005594	.005653
Years	9	10	11	12	13	14	15	16
Labor Hours	.008189	.007418	.007852	.008100	.008988	.007886	.009292	.008147
Material Cost	.021700	.022962	.078504	.088824	.131409	.096213	.289864	.098366
Equipment Hours	.006440	.005654	.005919	.006000	.006892	.005966	.006472	.006084
Years	17	18	19	20	21	22	23	24
Labor Hours	.008713	.008136	.008250	.008968	.008728	.007817	.008274	.008018
Material Cost	.094923	.143216	.103375	.301503	.135801	.137475	.187648	.116389
Equipment Hours	.006697	.005996	.005957	.006546	.006754	.005814	.006001	.005939
Years	25	26	27	28	29	30	31	32
Labor Hours	.009292	.008896	.008351	.008260	.011400	.010432	.008711	.008281
Material Cost	.224974	.228532	.163650	.164701	.286147	.480810	.177443	.125753
Equipment Hours	.007000	.006145	.006142	.006080	.008028	.006445	.006024	.005997
Years	33	34	35	36	37	38	39	40
Labor Hours	.009261	.007640	.007892	.008099	.008474	.008353	.007780	.009350
Material Cost	.113672	.087979	.134288	.131090	.054962	.133989	.066085	.332845
Equipment Hours	.006912	.005676	.005811	.005935	.006566	.005962	.005799	.006448
Years	41	42	43	44	45	46	47	48
Labor Hours	.008904	.007876	.008274	.008714	.008906	.007828	.007804	.007994
Material Cost	.138326	.063442	.120396	.197808	.163051	.076882	.067062	.092295
Equipment Hours	.006775	.005851	.006072	.006116	.006739	.005833	.005811	.005907
Years	49	50	51	52	53	54	55	56
Labor Hours	.008674	.007704	.008237	.008088	.009008	.009409	.008040	.008809
Material Cost	.144016	.077714	.132151	.177131	.118588	.352097	.104427	.176103
Equipment Hours	.006686	.005827	.006010	.005985	.006375	.006386	.005987	.006174
Years	57	58	59	60	61	62	63	64
Labor Hours	.011479	.008859	.011251	.008079	.009299	.008052	.007914	.008388
Material Cost	.303223	.301251	.576800	.126973	.163325	.142153	.136929	.203371
Equipment Hours	.008078	.006095	.007046	.005923	.007027	.005945	.005877	.006127
Years	65	66	67	68	69	70	71	72
Labor Hours	.009327	.007837	.008407	.008346	.009185	.007702	.008219	.008733
Material Cost	.188835	.087385	.192511	.112543	.192679	.068615	.119205	.197446
Equipment Hours	.006954	.005915	.006114	.006066	.006931	.005792	.006054	.006099
Years	73	74	75	76	77	78	79	80
Labor Hours	.008688	.008473	.007840	.007814	.008576	.008347	.008394	.008218
Material Cost	.110835	.156575	.081977	.070989	.083438	.083991	.310813	.125106
Equipment Hours	.006690	.005970	.005788	.005868	.006652	.006091	.005940	.006034

COMMUNITY RETAIL STORE

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical	UM TD	2 2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000225	.001536	.001904	.001782	.002007	.002909	.003277	.002886
Material Cost	.000000	.000140	.000846	.002003	.001969	.024152	.026620	.025230
Equipment Hours	.000225	.001536	.001904	.001782	.002007	.002909	.003277	.002886
Years	9	10	11	12	13	14	15	16
Labor Hours	.003346	.003125	.004554	.003922	.004580	.004031	.004413	.004209
Material Cost	.027020	.027651	.079068	.062441	.066757	.065564	.067613	.059556
Equipment Hours	.003346	.003125	.004554	.003922	.004580	.004031	.004413	.004209
Years	17	18	19	20	21	22	23	24
Labor Hours	.004395	.004070	.004414	.004025	.004116	.003443	.003676	.003494
Material Cost	.063046	.058923	.068246	.059261	.092538	.042919	.045191	.044883
Equipment Hours	.004382	.004062	.004402	.003995	.004072	.003435	.003665	.003483
Years	25	26	27	28	29	30	31	32
Labor Hours	.004042	.004578	.005328	.004877	.005324	.004577	.005335	.004195
Material Cost	.046614	.119696	.166160	.132687	.167674	.120184	.556040	.259630
Equipment Hours	.004033	.004285	.004905	.004534	.004867	.004311	.007592	.005536
Years	33	34	35	36	37	38	39	40
Labor Hours	.005644	.005784	.005454	.005109	.005452	.005102	.005357	.005248
Material Cost	.163953	.211178	.156103	.095777	.097720	.106229	.094883	.095241
Equipment Hours	.005319	.005299	.005164	.005080	.005441	.005083	.005336	.005227
Years	41	42	43	44	45	46	47	48
Labor Hours	.004323	.003618	.004023	.003439	.003885	.004056	.004214	.003936
Material Cost	.068691	.058261	.047722	.046112	.048880	.048842	.099196	.048486
Equipment Hours	.004304	.003593	.004002	.003420	.003848	.004032	.004163	.003916
Years	49	50	51	52	53	54	55	56
Labor Hours	.004289	.003910	.004143	.004874	.005283	.004895	.005564	.005784
Material Cost	.084731	.068671	.181006	.099374	.105016	.100742	.102609	.131231
Equipment Hours	.004262	.003875	.006093	.004862	.005255	.004884	.005554	.005492
Years	57	58	59	60	61	62	63	64
Labor Hours	.006418	.005895	.006372	.005774	.008379	.004142	.004945	.004396
Material Cost	.202468	.158254	.185380	.156564	.508337	.134587	.190619	.146476
Equipment Hours	.005992	.005552	.005959	.005462	.006408	.003730	.004363	.003946
Years	65	66	67	68	69	70	71	72
Labor Hours	.004227	.004069	.004337	.004078	.004470	.004189	.005561	.005013
Material Cost	.113114	.065603	.068377	.068860	.070703	.069894	.114960	.108539
Equipment Hours	.003881	.004032	.004315	.004058	.004448	.004152	.005538	.004972
Years	73	74	75	76	77	78	79	80
Labor Hours	.005613	.004937	.005225	.005107	.005325	.005065	.005345	.005013
Material Cost	.106197	.101586	.102598	.095236	.129504	.095776	.108732	.093841
Equipment Hours	.005592	.004916	.005188	.005095	.005280	.005037	.005329	.004985

COMMUNITY RETAIL STORE

Resources Per Square Foot

Task Description	1200000 Special Inter. Electr. System	UM ID	2	2
Years	1	2	3	4
Labor Hours	.000894	.001115	.001058	.001106
Material Cost	.000078	.000311	.000739	.001827
Equipment Hours	.000694	.001115	.001058	.001106
Years	9	10	11	12
Labor Hours	.001145	.001199	.001224	.001195
Material Cost	.004377	.004654	.009947	.009738
Equipment Hours	.001145	.001199	.001224	.001195
Years	17	18	19	20
Labor Hours	.001193	.001170	.001209	.001174
Material Cost	.007773	.007329	.009071	.012551
Equipment Hours	.001193	.001170	.001209	.001174
Years	25	26	27	28
Labor Hours	.001208	.001174	.001246	.001192
Material Cost	.008592	.009048	.009789	.008114
Equipment Hours	.001208	.001174	.001246	.001192
Years	33	34	35	36
Labor Hours	.001237	.001192	.001247	.001188
Material Cost	.007612	.009170	.012361	.006785
Equipment Hours	.001237	.001192	.001247	.001188
Years	41	42	43	44
Labor Hours	.001200	.001164	.001204	.001152
Material Cost	.009814	.009517	.008023	.008922
Equipment Hours	.001200	.001164	.001204	.001152
Years	49	50	51	52
Labor Hours	.001213	.001162	.001238	.001185
Material Cost	.009025	.012012	.007421	.005346
Equipment Hours	.001213	.001162	.001238	.001185
Years	57	58	59	60
Labor Hours	.001270	.001216	.001264	.001194
Material Cost	.009765	.008139	.008949	.009925
Equipment Hours	.001270	.001216	.001264	.001194
Years	65	66	67	68
Labor Hours	.001194	.001164	.001211	.001168
Material Cost	.012304	.006570	.005565	.005103
Equipment Hours	.001194	.001164	.001211	.001168
Years	73	74	75	76
Labor Hours	.001267	.001212	.001263	.001213
Material Cost	.008104	.009054	.010189	.019026
Equipment Hours	.001267	.001212	.001263	.001213
Years	81	82	83	84
Labor Hours	.001193	.001121	.001068	.001106
Material Cost	.002114	.002114	.002838	.001827
Equipment Hours	.001193	.001121	.001068	.001106
Years	15	16	17	18
Labor Hours	.001220	.001208	.001220	.001208
Material Cost	.009717	.020153	.009717	.020153
Equipment Hours	.001220	.001208	.001220	.001208
Years	23	24	25	26
Labor Hours	.001180	.001148	.001180	.001148
Material Cost	.005012	.009085	.005012	.009085
Equipment Hours	.001180	.001148	.001180	.001148
Years	31	32	33	34
Labor Hours	.001259	.001177	.001259	.001177
Material Cost	.019541	.009037	.019541	.009037
Equipment Hours	.001259	.001177	.001259	.001177
Years	39	40	41	42
Labor Hours	.001256	.001195	.001256	.001195
Material Cost	.009103	.008505	.009103	.008505
Equipment Hours	.001256	.001195	.001256	.001195
Years	47	48	49	50
Labor Hours	.001205	.001158	.001205	.001158
Material Cost	.009061	.007603	.009061	.007603
Equipment Hours	.001205	.001158	.001205	.001158
Years	55	56	57	58
Labor Hours	.001265	.001202	.001265	.001202
Material Cost	.008653	.009277	.008653	.009277
Equipment Hours	.001265	.001202	.001265	.001202
Years	63	64	65	66
Labor Hours	.001173	.001129	.001173	.001129
Material Cost	.007520	.009032	.007520	.009032
Equipment Hours	.001173	.001129	.001173	.001129
Years	71	72	73	74
Labor Hours	.001248	.001218	.001248	.001218
Material Cost	.009901	.009768	.009901	.009768
Equipment Hours	.001248	.001218	.001248	.001218
Years	79	80	81	82
Labor Hours	.001242	.001182	.001242	.001182
Material Cost	.009061	.012223	.009061	.012223
Equipment Hours	.001242	.001182	.001242	.001182

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 UM = Unit of Measure ID
 TD = Trade ID

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GEN INSTRUCTION BLDG

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.006066	.015721	.017237	.021209	.024824	.022349	.023072	.026460		
Material Cost	.027807	.057045	.059436	.074532	.090206	.103358	.110542	.144280		
Equipment Hours	.005152	.013792	.015028	.018941	.022473	.020092	.021024	.024216		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.029013	.031103	.029783	.029410	.026943	.029362	.034813	.033284		
Material Cost	.202866	.252141	.313979	.311952	.316227	.327576	.389145	.377658		
Equipment Hours	.026368	.028553	.027225	.026314	.023930	.025630	.030776	.029105		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.031633	.035185	.046142	.037829	.040068	.030724	.032439	.033487		
Material Cost	.328976	.358386	.486271	.428689	.443612	.347736	.378096	.343514		
Equipment Hours	.027882	.030317	.038119	.032149	.034368	.026924	.028872	.030013		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.031845	.048780	.061537	.059847	.087060	.061079	.053178	.032983		
Material Cost	.403043	.556171	.587704	.568244	.839396	.638320	.724698	.560061		
Equipment Hours	.027724	.036021	.042680	.042786	.059200	.042355	.038288	.028780		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.035801	.033840	.031843	.033097	.034801	.044567	.036401	.034231		
Material Cost	.468563	.538533	.458823	.374662	.438480	.554643	.463481	.497896		
Equipment Hours	.031877	.029419	.027257	.028899	.031305	.036941	.031248	.028729		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.038906	.037540	.034450	.030048	.032807	.033590	.034319	.031709		
Material Cost	.487737	.425500	.369309	.306609	.366339	.326989	.287472	.292283		
Equipment Hours	.033091	.031239	.030003	.026629	.028814	.029691	.030961	.028427		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.032387	.028785	.040744	.042067	.037575	.054433	.073271	.073927		
Material Cost	.372250	.365458	.492933	.509788	.465076	.570205	.624715	.723934		
Equipment Hours	.028899	.025381	.035456	.037141	.032122	.040933	.052758	.053986		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.099190	.073392	.059732	.039105	.045581	.037658	.037695	.039936		
Material Cost	.920816	.716258	.626332	.525445	.578405	.500139	.448377	.501866		
Equipment Hours	.066897	.051807	.044575	.034382	.040139	.032548	.032935	.035480		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.045796	.036864	.037882	.034439	.038792	.041662	.038330	.039170		
Material Cost	.509198	.397531	.472714	.441978	.471412	.520788	.643073	.556535		
Equipment Hours	.040279	.032823	.033435	.029839	.033144	.036532	.032201	.033407		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.043276	.043813	.054278	.053955	.035385	.037367	.039052	.037653		
Material Cost	.613218	.581027	.726290	.513264	.441631	.434505	.496295	.457857		
Equipment Hours	.035840	.036532	.042250	.040370	.030130	.030897	.033370	.032013		

GEN INSTRUCTION BLDG
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years								
Labor Hours	.001829	.002895	.003396	.003136	.003333	.003497	.002980	.002959
Material Cost	.013270	.023338	.023500	.022365	.027104	.024162	.021688	.021615
Equipment Hours	.000915	.001447	.001699	.001568	.001667	.001748	.001490	.001480
Years								
Labor Hours	.003438	.003636	.003285	.003708	.003368	.004749	.004819	.003538
Material Cost	.024978	.033825	.027700	.032859	.036084	.057293	.044668	.035192
Equipment Hours	.001719	.001818	.001642	.001854	.001684	.002374	.002409	.001769
Years								
Labor Hours	.003403	.007087	.010984	.008370	.008069	.004606	.004054	.003712
Material Cost	.024621	.069291	.121502	.084076	.090071	.040766	.030953	.030418
Equipment Hours	.001802	.003344	.005492	.004186	.004035	.002304	.002027	.001856
Years								
Labor Hours	.003707	.021827	.034544	.031002	.050748	.032768	.024609	.003226
Material Cost	.025283	.138515	.207506	.187032	.295111	.185328	.147508	.024596
Equipment Hours	.001854	.010913	.017272	.015502	.025374	.016384	.012305	.001613
Years								
Labor Hours	.003583	.003545	.004784	.005501	.006411	.009675	.006175	.006440
Material Cost	.027604	.024813	.049485	.059050	.071780	.128312	.078089	.082921
Equipment Hours	.001792	.001772	.002392	.002751	.003206	.004838	.003088	.003220
Years								
Labor Hours	.006191	.006045	.005604	.003938	.004242	.004539	.004739	.004177
Material Cost	.080706	.069936	.058059	.036195	.040053	.040411	.040950	.030108
Equipment Hours	.003095	.003022	.002802	.001969	.002121	.002270	.002370	.002089
Years								
Labor Hours	.003481	.002987	.003651	.005117	.005162	.022174	.034442	.033136
Material Cost	.026397	.022375	.028124	.049816	.046601	.141441	.205840	.212725
Equipment Hours	.001840	.001493	.001825	.002559	.002581	.011087	.017221	.016569
Years								
Labor Hours	.055115	.035849	.025008	.004438	.004740	.005943	.003849	.003990
Material Cost	.349093	.224349	.152679	.040355	.044205	.057460	.032764	.037574
Equipment Hours	.027558	.017924	.012504	.002219	.002370	.002972	.001924	.001995
Years								
Labor Hours	.003970	.004261	.003768	.003678	.003085	.003485	.003862	.003601
Material Cost	.041764	.048310	.036797	.032843	.023150	.025871	.029626	.071036
Equipment Hours	.001985	.002131	.001885	.001839	.001542	.001742	.001931	.002930
Years								
Labor Hours	.006087	.007074	.010267	.005353	.005913	.006793	.006084	.005003
Material Cost	.064006	.077975	.126184	.048364	.064476	.076776	.062965	.050075
Equipment Hours	.003044	.003538	.005133	.002677	.002956	.003397	.003042	.002502

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Resources Per Square Foot

Task Description	UM ID	2	1
0400000 Exterior Closure			
Years	1	2	3
Labor Hours	.000142	.000211	.000440
Material Cost	.000742	.001105	.001559
Equipment Hours	.000142	.000211	.000440
Years	9	10	11
Labor Hours	.006243	.009837	.006747
Material Cost	.029586	.045069	.047317
Equipment Hours	.006243	.009837	.006747
Years	17	18	19
Labor Hours	.005799	.007242	.011318
Material Cost	.030949	.032684	.049150
Equipment Hours	.005785	.007232	.011318
Years	25	26	27
Labor Hours	.005118	.005787	.005958
Material Cost	.031307	.031345	.027518
Equipment Hours	.005118	.005787	.005958
Years	33	34	35
Labor Hours	.009104	.007302	.005668
Material Cost	.050315	.035943	.032043
Equipment Hours	.009090	.007295	.005623
Years	41	42	43
Labor Hours	.005860	.006776	.007559
Material Cost	.046291	.063475	.050326
Equipment Hours	.005751	.006126	.007436
Years	49	50	51
Labor Hours	.005674	.003965	.006188
Material Cost	.040845	.049073	.050740
Equipment Hours	.005674	.003961	.006184
Years	57	58	59
Labor Hours	.010093	.008509	.005532
Material Cost	.070039	.068646	.032737
Equipment Hours	.009812	.007872	.005517
Years	65	66	67
Labor Hours	.011399	.008714	.008557
Material Cost	.078637	.083533	.096875
Equipment Hours	.011381	.008633	.008477
Years	73	74	75
Labor Hours	.009217	.012006	.018305
Material Cost	.090327	.092235	.216785
Equipment Hours	.009196	.011965	.015253
Years	81	82	83
Labor Hours	.005959	.004485	.003366
Material Cost	.023425	.009018	.009018
Equipment Hours	.005959	.004485	.003366
Years	16	15	14
Labor Hours	.005578	.009752	.004901
Material Cost	.029978	.041980	.029492
Equipment Hours	.005568	.009757	.004890
Years	24	23	22
Labor Hours	.008710	.008117	.005139
Material Cost	.039620	.041361	.034025
Equipment Hours	.008710	.008117	.005139
Years	32	31	30
Labor Hours	.004980	.002438	.005904
Material Cost	.040894	.037416	.042669
Equipment Hours	.004966	.002428	.005876
Years	40	39	38
Labor Hours	.005477	.007748	.011272
Material Cost	.048311	.046030	.052755
Equipment Hours	.005364	.007605	.011159
Years	48	47	46
Labor Hours	.007391	.010912	.007556
Material Cost	.034795	.043004	.041886
Equipment Hours	.007391	.010901	.007436
Years	56	55	54
Labor Hours	.012110	.009380	.006044
Material Cost	.052177	.051082	.042755
Equipment Hours	.012099	.009372	.006039
Years	64	63	62
Labor Hours	.008664	.006103	.004741
Material Cost	.089204	.073705	.063458
Equipment Hours	.008159	.006086	.004730
Years	72	71	70
Labor Hours	.008928	.007565	.010737
Material Cost	.088810	.097130	.115639
Equipment Hours	.008864	.007535	.010457
Years	80	79	78
Labor Hours	.007682	.008751	.005565
Material Cost	.076789	.092157	.077505
Equipment Hours	.007564	.008612	.005456

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Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0500000 Interior Construction		UM TD 2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000001	.000003	.000045	.000567	.000526	.000178	.000328	.001008
Material Cost	.000011	.000025	.000155	.000240	.000257	.000420	.000526	.010408
Equipment Hours	.000001	.000003	.000045	.000567	.000526	.000178	.000328	.001008
Years	9	10	11	12	13	14	15	16
Labor Hours	.000708	.000363	.000450	.000753	.000752	.000536	.000749	.000899
Material Cost	.014874	.016393	.017520	.018367	.019234	.018416	.019010	.013177
Equipment Hours	.000708	.000363	.000450	.000753	.000752	.000515	.000743	.000827
Years	17	18	19	20	21	22	23	24
Labor Hours	.000661	.000329	.000405	.000701	.000866	.000851	.000567	.000795
Material Cost	.010478	.011058	.010537	.016990	.016443	.019777	.018302	.017436
Equipment Hours	.000649	.000315	.000353	.000689	.000845	.000795	.000546	.000790
Years	25	26	27	28	29	30	31	32
Labor Hours	.000859	.000515	.000317	.000889	.000893	.000464	.000742	.000965
Material Cost	.020488	.019075	.014023	.016120	.020088	.014822	.024308	.028512
Equipment Hours	.000859	.000515	.000317	.000889	.001201	.000464	.000704	.000950
Years	33	34	35	36	37	38	39	40
Labor Hours	.000680	.000644	.000934	.001158	.000893	.000693	.000555	.000572
Material Cost	.020422	.021480	.026560	.025288	.024563	.019784	.017529	.019548
Equipment Hours	.000675	.000622	.000872	.001143	.000858	.000659	.000534	.000516
Years	41	42	43	44	45	46	47	48
Labor Hours	.000522	.000674	.000762	.000808	.000780	.000453	.000436	.000719
Material Cost	.015822	.014807	.015645	.014869	.017028	.013282	.014086	.015464
Equipment Hours	.000501	.000631	.000762	.000808	.000780	.000453	.000436	.000719
Years	49	50	51	52	53	54	55	56
Labor Hours	.000937	.000922	.000639	.001150	.000833	.000542	.000654	.000779
Material Cost	.023199	.023888	.017594	.018793	.020510	.019161	.022820	.016328
Equipment Hours	.000937	.000906	.000633	.000993	.000771	.000490	.000619	.000744
Years	57	58	59	60	61	62	63	64
Labor Hours	.000903	.000675	.000609	.000663	.000654	.000507	.000430	.001087
Material Cost	.015747	.013504	.013980	.021307	.018557	.018226	.013704	.020366
Equipment Hours	.000882	.000619	.000594	.000658	.000654	.000507	.000430	.001087
Years	65	66	67	68	69	70	71	72
Labor Hours	.001084	.000649	.000285	.000788	.000806	.000479	.000927	.001147
Material Cost	.023173	.022988	.014410	.020385	.021593	.013064	.027146	.026035
Equipment Hours	.001046	.000645	.000285	.000772	.000801	.000458	.000865	.001133
Years	73	74	75	76	77	78	79	80
Labor Hours	.001156	.000555	.000533	.001173	.001192	.000726	.000663	.000752
Material Cost	.025783	.023571	.026343	.025976	.025624	.016115	.017292	.018147
Equipment Hours	.001120	.000520	.000512	.001117	.001176	.000720	.000658	.000752

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GEN INSTRUCTION BLDG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001451	.003424	.003409	.003537	.003462	.003561	.003727	.003979
Material Cost	.010589	.023644	.023579	.023793	.023696	.024140	.025019	.030243
Equipment Hours	.001451	.003424	.003409	.003537	.003462	.003561	.003720	.003908
Years	9	10	11	12	13	14	15	16
Labor Hours	.005373	.004921	.005342	.005560	.004309	.005904	.004294	.008362
Material Cost	.040330	.030341	.029865	.027772	.025172	.006270	.041696	.121357
Equipment Hours	.005233	.004914	.005342	.005560	.004309	.005396	.004165	.007186
Years	17	18	19	20	21	22	23	24
Labor Hours	.006400	.006626	.009204	.006147	.009624	.006884	.006146	.005691
Material Cost	.090212	.055321	.120970	.092710	.098384	.072093	.088759	.053432
Equipment Hours	.005871	.006377	.007689	.005706	.009000	.006440	.005630	.005482
Years	25	26	27	28	29	30	31	32
Labor Hours	.005092	.005298	.005305	.005378	.007182	.005649	.007894	.004894
Material Cost	.044050	.090392	.040084	.043606	.054956	.034644	.043963	.090397
Equipment Hours	.004932	.005037	.005302	.005355	.007127	.005646	.007639	.006405
Years	33	34	35	36	37	38	39	40
Labor Hours	.005554	.006397	.005455	.004452	.006033	.007520	.006624	.006198
Material Cost	.063641	.101954	.106325	.053445	.108050	.112802	.092135	.074041
Equipment Hours	.005295	.005758	.004739	.004208	.005229	.006268	.005992	.005684
Years	41	42	43	44	45	46	47	48
Labor Hours	.009638	.008990	.005401	.005505	.004777	.006654	.004595	.005194
Material Cost	.116245	.067037	.032266	.028164	.039752	.044621	.028331	.032998
Equipment Hours	.008887	.008154	.005382	.005503	.004725	.006445	.004585	.005123
Years	49	50	51	52	53	54	55	56
Labor Hours	.006592	.006383	.014456	.010814	.010030	.009859	.011600	.010536
Material Cost	.045760	.076467	.129008	.109359	.118466	.080679	.114874	.131811
Equipment Hours	.006431	.005962	.012318	.009813	.008885	.009267	.010341	.008994
Years	57	58	59	60	61	62	63	64
Labor Hours	.014872	.011302	.011034	.010783	.014738	.011089	.011135	.010614
Material Cost	.139583	.102338	.095616	.066240	.060775	.064436	.064341	.058711
Equipment Hours	.012528	.010225	.010406	.010223	.014070	.010763	.010247	.010353
Years	65	66	67	68	69	70	71	72
Labor Hours	.011624	.008120	.009275	.009863	.012289	.011548	.009953	.006797
Material Cost	.067062	.046242	.057040	.112377	.096301	.141391	.178152	.084801
Equipment Hours	.010625	.007796	.008937	.008725	.010202	.010506	.007738	.006052
Years	73	74	75	76	77	78	79	80
Labor Hours	.010293	.008631	.008777	.019144	.007301	.008949	.006607	.008646
Material Cost	.173858	.143484	.133545	.135433	.092287	.059161	.050105	.049357
Equipment Hours	.007646	.006698	.006756	.012156	.006086	.007289	.006100	.007073

GEN INSTRUCTION BLDG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000140	.000962	.001383	.002087	.002643	.001867	.001530	.002335
Material Cost	.000114	.000717	.001197	.002018	.002533	.001767	.003409	.006175
Equipment Hours	.000140	.000962	.001369	.001880	.002456	.001853	.001500	.002170
Years								
Labor Hours	.002673	.001930	.002194	.002629	.002542	.001804	.002399	.002904
Material Cost	.043065	.036671	.061671	.043333	.019380	.012759	.014783	.018387
Equipment Hours	.002412	.001859	.002093	.002356	.002228	.001747	.002340	.002674
Years								
Labor Hours	.002352	.002069	.002342	.002697	.003584	.002108	.002144	.003066
Material Cost	.010530	.010589	.051318	.060327	.090258	.058918	.049408	.039074
Equipment Hours	.002126	.002020	.002209	.002406	.003234	.001941	.002035	.002557
Years								
Labor Hours	.003723	.002482	.002187	.002517	.003197	.003270	.002618	.003108
Material Cost	.044227	.055745	.035279	.053729	.076173	.090236	.089659	.060348
Equipment Hours	.003073	.002187	.001976	.002330	.002759	.002580	.002372	.002624
Years								
Labor Hours	.002703	.002196	.002780	.002414	.002605	.002646	.002331	.002412
Material Cost	.021965	.021927	.032037	.026101	.024229	.025367	.053076	.053625
Equipment Hours	.002393	.001849	.002346	.002188	.002186	.002261	.002062	.001964
Years								
Labor Hours	.004026	.003173	.002388	.002607	.003665	.002856	.002161	.002883
Material Cost	.077899	.051181	.031794	.024074	.044972	.046098	.041508	.049822
Equipment Hours	.003120	.002429	.002160	.002438	.003048	.002461	.001996	.002582
Years								
Labor Hours	.003088	.003222	.002830	.002482	.002859	.002651	.003691	.002965
Material Cost	.084562	.077631	.097223	.054760	.040366	.031115	.041764	.047457
Equipment Hours	.002581	.002480	.002349	.002225	.002460	.002248	.003000	.002762
Years								
Labor Hours	.002351	.002888	.003008	.002284	.003060	.003051	.003304	.002992
Material Cost	.012158	.020220	.046670	.046487	.065957	.040270	.026131	.032188
Equipment Hours	.002167	.002499	.002533	.002138	.002720	.002423	.002629	.002615
Years								
Labor Hours	.003693	.002942	.002753	.002859	.002904	.003225	.002392	.003118
Material Cost	.023346	.022258	.021249	.016062	.049642	.048350	.098977	.070653
Equipment Hours	.003057	.002513	.002335	.002654	.002452	.002319	.001912	.002536
Years								
Labor Hours	.002902	.002738	.003830	.007874	.002343	.002526	.004001	.002855
Material Cost	.061704	.048755	.071141	.072529	.044161	.051607	.080694	.070898
Equipment Hours	.002405	.002224	.003002	.005087	.002088	.002293	.003046	.002333

GEN INSTRUCTION BLDG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001480	.004236	.004312	.006603	.004829	.006646	.006680	.007123
Material Cost	.002138	.005318	.005408	.008481	.010785	.016713	.018727	.028947
Equipment Hours	.001480	.005755	.005814	.006110	.006331	.006153	.006161	.006596
Years	9	10	11	12	13	14	15	16
Labor Hours	.007088	.007011	.007332	.007984	.008155	.007447	.008471	.007618
Material Cost	.022662	.060003	.063670	.084515	.120911	.059621	.161861	.094676
Equipment Hours	.006564	.006358	.006520	.007016	.007154	.006691	.007056	.006717
Years	17	18	19	20	21	22	23	24
Labor Hours	.008307	.007609	.007282	.007296	.007360	.007273	.007227	.007591
Material Cost	.102076	.119555	.071971	.074583	.063849	.072610	.100998	.115250
Equipment Hours	.007146	.006647	.006491	.006586	.006694	.006467	.006390	.006701
Years	25	26	27	28	29	30	31	32
Labor Hours	.008714	.008227	.007998	.008401	.009105	.008493	.008158	.008364
Material Cost	.186429	.125249	.137881	.113726	.153041	.163623	.132277	.127101
Equipment Hours	.007330	.006975	.006777	.007086	.007583	.006924	.006782	.006925
Years	33	34	35	36	37	38	39	40
Labor Hours	.008741	.007637	.007152	.007542	.007643	.007620	.007513	.007935
Material Cost	.144928	.102725	.110036	.086590	.081349	.130942	.093803	.136440
Equipment Hours	.007234	.006557	.006223	.006626	.006804	.006658	.006537	.006815
Years	41	42	43	44	45	46	47	48
Labor Hours	.007775	.007749	.008243	.007899	.008142	.007458	.007276	.007350
Material Cost	.085027	.104315	.131340	.107182	.125638	.073331	.053672	.062049
Equipment Hours	.006889	.006771	.006993	.006827	.007083	.006600	.006500	.006611
Years	49	50	51	52	53	54	55	56
Labor Hours	.008010	.007329	.007171	.007586	.008287	.008319	.007902	.008646
Material Cost	.081657	.047869	.067975	.132005	.104319	.167000	.098371	.143155
Equipment Hours	.007094	.006663	.006382	.006690	.007095	.006982	.006713	.007116
Years	57	58	59	60	61	62	63	64
Labor Hours	.009513	.008324	.008207	.008284	.008454	.007703	.007927	.007950
Material Cost	.189751	.143238	.136506	.116380	.127989	.114257	.103360	.142886
Equipment Hours	.007773	.006883	.006824	.006916	.007086	.006717	.006758	.006860
Years	65	66	67	68	69	70	71	72
Labor Hours	.008917	.007887	.008696	.008392	.008363	.007941	.008340	.008229
Material Cost	.120380	.107942	.176546	.106030	.111919	.091982	.119635	.120152
Equipment Hours	.007470	.006860	.007033	.007115	.007229	.006850	.006976	.006920
Years	73	74	75	76	77	78	79	80
Labor Hours	.008192	.007888	.007406	.007452	.007653	.007720	.007376	.007569
Material Cost	.108252	.103525	.060123	.057219	.055660	.064144	.103138	.102299
Equipment Hours	.007043	.006768	.006477	.006615	.006893	.006730	.006457	.006719

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 UM = Unit of Measure ID
 TD = Trade ID

GEN INSTRUCTION BLDG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000145	.000774	.001091	.000985	.001180	.001939	.002093	.001787
Material Cost	.000000	.000062	.000690	.001891	.001952	.017269	.018319	.017783
Equipment Hours	.000145	.000774	.001091	.000985	.001180	.001938	.002092	.001787
Years	9	10	11	12	13	14	15	16
Labor Hours	.002223	.002087	.003052	.002662	.003167	.002693	.002939	.003098
Material Cost	.019376	.021839	.050325	.044997	.045888	.04452	.045925	.044318
Equipment Hours	.002222	.002086	.003051	.002661	.003163	.002690	.002933	.003076
Years	17	18	19	20	21	22	23	24
Labor Hours	.003181	.002933	.003263	.003024	.002998	.002606	.002860	.002653
Material Cost	.045999	.042615	.045000	.043284	.038537	.032297	.033413	.033438
Equipment Hours	.003174	.002892	.003222	.002983	.002994	.002582	.002803	.002648
Years	25	26	27	28	29	30	31	32
Labor Hours	.003339	.003351	.003838	.003523	.004431	.003210	.005350	.004157
Material Cost	.035900	.080575	.109014	.108833	.179478	.087989	.231385	.171334
Equipment Hours	.003264	.003313	.003689	.003498	.003973	.003158	.004691	.004009
Years	33	34	35	36	37	38	39	40
Labor Hours	.004062	.004816	.003691	.003923	.004077	.003819	.004071	.003891
Material Cost	.122067	.213637	.099241	.076169	.070453	.069636	.067747	.067838
Equipment Hours	.004026	.004261	.003683	.003898	.004036	.003776	.004044	.003858
Years	41	42	43	44	45	46	47	48
Labor Hours	.003537	.002822	.003154	.002734	.002956	.002799	.002864	.002721
Material Cost	.050346	.038418	.033847	.036988	.036029	.047389	.048983	.049999
Equipment Hours	.003491	.002793	.003129	.002652	.002931	.002751	.002836	.002639
Years	49	50	51	52	53	54	55	56
Labor Hours	.003046	.002699	.004449	.003380	.003922	.003520	.004253	.004427
Material Cost	.053781	.049677	.090788	.071116	.076850	.072916	.074492	.104766
Equipment Hours	.002984	.002637	.004404	.003334	.003847	.003494	.004142	.004374
Years	57	58	59	60	61	62	63	64
Labor Hours	.004922	.004504	.004931	.005054	.004938	.003365	.003641	.003389
Material Cost	.128060	.127729	.131220	.179427	.201744	.105160	.117297	.105094
Equipment Hours	.004758	.004443	.004794	.004639	.004255	.003176	.003556	.003160
Years	65	66	67	68	69	70	71	72
Labor Hours	.003782	.003026	.003206	.002918	.003278	.002954	.003897	.003755
Material Cost	.136077	.052547	.056802	.050426	.051181	.049441	.076950	.078723
Equipment Hours	.003390	.002979	.003141	.002838	.003216	.002908	.003851	.003618
Years	73	74	75	76	77	78	79	80
Labor Hours	.004021	.003579	.003744	.003940	.003892	.003781	.004202	.003855
Material Cost	.073112	.074515	.072805	.070866	.070558	.069903	.073944	.071688
Equipment Hours	.003977	.003477	.003701	.003859	.003842	.003704	.004088	.003779

GEN INSTRUCTION BLDG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	2	2	2	2	2	2	2	2
UM ID	2	2	2	2	2	2	2	2
Years	1	2	3	4	5	6	7	8
Labor Hours	.000878	.001214	.001162	.001230	.001169	.001295	.001248	.001309
Material Cost	.000945	.002835	.003347	.004961	.004921	.005369	.005488	.005683
Equipment Hours	.000878	.001214	.001162	.001230	.001169	.001295	.001248	.001309
Years	9	10	11	12	13	14	15	16
Labor Hours	.001266	.001316	.001380	.001326	.001365	.001328	.001391	.001286
Material Cost	.007994	.008001	.013912	.016348	.015813	.017073	.019221	.020573
Equipment Hours	.001266	.001316	.001380	.001326	.001365	.001328	.001391	.001286
Years	17	18	19	20	21	22	23	24
Labor Hours	.001330	.001291	.001344	.001285	.001326	.001257	.001323	.001269
Material Cost	.014112	.017272	.015822	.018895	.013517	.012250	.014903	.014847
Equipment Hours	.001330	.001291	.001344	.001285	.001326	.001257	.001323	.001269
Years	25	26	27	28	29	30	31	32
Labor Hours	.001295	.001295	.001389	.001315	.001388	.001320	.001367	.001288
Material Cost	.015358	.015274	.016405	.016076	.016838	.019009	.018181	.016880
Equipment Hours	.001295	.001295	.001389	.001315	.001388	.001320	.001367	.001288
Years	33	34	35	36	37	38	39	40
Labor Hours	.001372	.001303	.001379	.001292	.001377	.001322	.001385	.001306
Material Cost	.017221	.016053	.018897	.013545	.013040	.015044	.015072	.015173
Equipment Hours	.001372	.001303	.001379	.001292	.001377	.001322	.001385	.001306
Years	41	42	43	44	45	46	47	48
Labor Hours	.001358	.001312	.001341	.001289	.001363	.001275	.001337	.001274
Material Cost	.015401	.016331	.016033	.016750	.019222	.017971	.016938	.017050
Equipment Hours	.001358	.001312	.001341	.001289	.001363	.001275	.001337	.001274
Years	49	50	51	52	53	54	55	56
Labor Hours	.001358	.001279	.001360	.001291	.001384	.001324	.001350	.001327
Material Cost	.016049	.018477	.013282	.012512	.016966	.015137	.015471	.015516
Equipment Hours	.001358	.001279	.001360	.001291	.001384	.001324	.001350	.001327
Years	57	58	59	60	61	62	63	64
Labor Hours	.001421	.001341	.001404	.001323	.001335	.001259	.001306	.001252
Material Cost	.016384	.016235	.016924	.017216	.018137	.016872	.017074	.015842
Equipment Hours	.001421	.001341	.001404	.001323	.001335	.001259	.001306	.001252
Years	65	66	67	68	69	70	71	72
Labor Hours	.001327	.001265	.001341	.001288	.001376	.001293	.001394	.001334
Material Cost	.018758	.013341	.012994	.014795	.015126	.015049	.015458	.016327
Equipment Hours	.001327	.001265	.001341	.001288	.001376	.001293	.001394	.001334
Years	73	74	75	76	77	78	79	80
Labor Hours	.001409	.001342	.001415	.001302	.001373	.001307	.001368	.001292
Material Cost	.016177	.016967	.019364	.018174	.016984	.017294	.016000	.018602
Equipment Hours	.001409	.001342	.001415	.001302	.001373	.001307	.001368	.001292

APPLIED INSTRUCTION BLDG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0000000 Total Summary								
Years	1	2	3	4	5	6	7	8
Labor Hours	.004579	.014643	.016154	.018573	.023824	.020117	.020483	.024033
Material Cost	.017344	.063931	.065253	.075507	.115042	.117684	.140889	.169465
Equipment Hours	.003698	.012504	.013678	.016243	.021507	.017569	.018004	.021290
Years	9	10	11	12	13	14	15	16
Labor Hours	.032625	.026163	.026197	.023907	.025936	.027323	.032288	.033883
Material Cost	.355454	.217623	.318381	.286581	.312997	.427719	.409031	.335464
Equipment Hours	.027776	.023425	.023089	.020774	.022990	.022162	.027300	.030288
Years	17	18	19	20	21	22	23	24
Labor Hours	.033739	.023582	.044713	.025603	.042595	.024602	.025627	.025695
Material Cost	.436087	.278954	.806078	.323564	.502039	.308998	.304175	.264788
Equipment Hours	.028460	.020053	.035645	.022186	.036972	.021625	.022283	.022203
Years	25	26	27	28	29	30	31	32
Labor Hours	.037498	.039139	.042246	.028622	.118569	.039494	.041590	.031477
Material Cost	.493362	.489764	.567201	.408318	1.002124	.628166	.779362	.760266
Equipment Hours	.031672	.034333	.029651	.023879	.072182	.029033	.035330	.024972
Years	33	34	35	36	37	38	39	40
Labor Hours	.035965	.025950	.022771	.027227	.031062	.041635	.024555	.031104
Material Cost	.555472	.396306	.323227	.495424	.408671	.773190	.357340	.564755
Equipment Hours	.030537	.022423	.019726	.023515	.026674	.034644	.020673	.024498
Years	41	42	43	44	45	46	47	48
Labor Hours	.048452	.039436	.026620	.026760	.027895	.029076	.034532	.025630
Material Cost	.707559	.466335	.284870	.311803	.283055	.355849	.305097	.275328
Equipment Hours	.039319	.030121	.023216	.022720	.024804	.025735	.030788	.022092
Years	49	50	51	52	53	54	55	56
Labor Hours	.035351	.024952	.043935	.045503	.038453	.027344	.039495	.041470
Material Cost	.522452	.319211	.547749	.422762	.594652	.409148	.541243	.855973
Equipment Hours	.030197	.021978	.034620	.038615	.029901	.022019	.029844	.033166
Years	57	58	59	60	61	62	63	64
Labor Hours	.130001	.036590	.031705	.024121	.050817	.032242	.030090	.028094
Material Cost	1.244562	.466537	.579925	.367941	.826305	.435724	.612065	.381032
Equipment Hours	.080555	.027780	.025222	.021247	.044565	.026992	.023885	.024190
Years	65	66	67	68	69	70	71	72
Labor Hours	.042547	.028856	.025463	.025304	.027516	.025603	.031327	.028321
Material Cost	.541516	.511061	.313816	.395312	.440056	.354898	.481861	.429141
Equipment Hours	.036376	.023522	.022097	.021485	.024251	.022010	.026520	.024187
Years	73	74	75	76	77	78	79	80
Labor Hours	.047003	.035885	.037090	.081501	.038319	.037619	.037665	.029371
Material Cost	1.024124	.763417	.458570	.589979	.398507	.405115	.545291	.392873
Equipment Hours	.037243	.028766	.030514	.054834	.034683	.029149	.029044	.024717

APPLIED INSTRUCTION BLOG
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001761	.002749	.003390	.002970	.002946	.003459	.002927	.002968
Material Cost	.011127	.018992	.018443	.018717	.020549	.019624	.018047	.018037
Equipment Hours	.000880	.001374	.001695	.001485	.001474	.001730	.001464	.001484
Years	9	10	11	12	13	14	15	16
Labor Hours	.003488	.003275	.004073	.003835	.003260	.007945	.006478	.002956
Material Cost	.018385	.022699	.039181	.031386	.031695	.151139	.082456	.019450
Equipment Hours	.001744	.011638	.002037	.001918	.001630	.003973	.003240	.001478
Years	17	18	19	20	21	22	23	24
Labor Hours	.003653	.004006	.006422	.004592	.008108	.003117	.003483	.003683
Material Cost	.020286	.002279	.050823	.032162	.090852	.022180	.019373	.027156
Equipment Hours	.001827	.001004	.003211	.002296	.004054	.001559	.001742	.001842
Years	25	26	27	28	29	30	31	32
Labor Hours	.004413	.004919	.021432	.006440	.086983	.015451	.005338	.005369
Material Cost	.031873	.003367	.190095	.052351	.477624	.111852	.044716	.032130
Equipment Hours	.002207	.003459	.010716	.003320	.043491	.007726	.002669	.002684
Years	33	34	35	36	37	38	39	40
Labor Hours	.003262	.003322	.003211	.004138	.003441	.004176	.004189	.008482
Material Cost	.020804	.020036	.023063	.035317	.023622	.034839	.050011	.151203
Equipment Hours	.001831	.001661	.001606	.002069	.001721	.002088	.002094	.004241
Years	41	42	43	44	45	46	47	48
Labor Hours	.005422	.007410	.004007	.005198	.003800	.003624	.004776	.003533
Material Cost	.062452	.075112	.027820	.066349	.023844	.023805	.033785	.020803
Equipment Hours	.002711	.003706	.002003	.002599	.001900	.001812	.002388	.001767
Years	49	50	51	52	53	54	55	56
Labor Hours	.003031	.002604	.005463	.004260	.012442	.006522	.012555	.005335
Material Cost	.018164	.015808	.051611	.034577	.139692	.056242	.074219	.038161
Equipment Hours	.001516	.011302	.002732	.002131	.006221	.003261	.006277	.002668
Years	57	58	59	60	61	62	63	64
Labor Hours	.087705	.013269	.007429	.002749	.004763	.006828	.005453	.003208
Material Cost	.488024	.080318	.066880	.018753	.043832	.063625	.035352	.020536
Equipment Hours	.043852	.006635	.003714	.001375	.002381	.003415	.002726	.001605
Years	65	66	67	68	69	70	71	72
Labor Hours	.003998	.007520	.003514	.003910	.003362	.003021	.005353	.003378
Material Cost	.044459	.139134	.031698	.032377	.022089	.019271	.045267	.025404
Equipment Hours	.001999	.003760	.001757	.001955	.001681	.001511	.002677	.001690
Years	73	74	75	76	77	78	79	80
Labor Hours	.006380	.004005	.005507	.003827	.004679	.004640	.012212	.005260
Material Cost	.102057	.025881	.048386	.026600	.041233	.042257	.135992	.049334
Equipment Hours	.003190	.002002	.002754	.001913	.002339	.002321	.006106	.002630

APPLIED INSTRUCTION BLDG

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
040000 Exterior Closure										
Years	1									
Labor Hours	.000070	.000116	.000203	.002004	.003452	.002261	.002320	.004207		
Material Cost	.000314	.000518	.000810	.006397	.004430	.004758	.006865	.014966		
Equipment Hours	.000070	.000116	.000203	.002004	.003452	.002261	.002320	.004207		
Years	9									
Labor Hours	.002913	.006107	.002796	.002885	.001599	.002490	.007144	.002997		
Material Cost	.010456	.024538	.024544	.023818	.022798	.017004	.025416	.013296		
Equipment Hours	.002913	.006107	.002796	.002885	.001599	.002479	.007133	.002989		
Years	17									
Labor Hours	.002641	.001794	.010383	.003302	.004008	.004323	.004813	.004189		
Material Cost	.014136	.011613	.027869	.011087	.015919	.023685	.026367	.025617		
Equipment Hours	.002624	.001788	.010381	.003360	.004005	.004314	.004807	.004186		
Years	25									
Labor Hours	.003696	.009519	.002666	.002650	.007164	.003726	.002114	.002461		
Material Cost	.018959	.016695	.013218	.012601	.023482	.018697	.014245	.017524		
Equipment Hours	.003687	.009516	.002663	.002636	.007132	.003692	.002088	.002436		
Years	33									
Labor Hours	.004244	.004027	.002213	.003908	.003928	.010842	.001502	.002654		
Material Cost	.027309	.025939	.023159	.022665	.019666	.034319	.011831	.017433		
Equipment Hours	.004223	.004002	.002140	.003885	.003896	.010791	.001502	.002654		
Years	41									
Labor Hours	.003516	.005445	.004632	.003637	.003166	.003598	.007260	.003592		
Material Cost	.017489	.040577	.028243	.029779	.027107	.025903	.029102	.019829		
Equipment Hours	.003470	.004688	.004618	.003622	.003149	.003584	.007227	.003587		
Years	49									
Labor Hours	.003247	.004225	.003672	.012416	.002637	.001966	.003457	.008562		
Material Cost	.021898	.030023	.024457	.032755	.023831	.027844	.036977	.042103		
Equipment Hours	.003244	.004213	.003672	.012416	.002637	.001966	.003368	.008553		
Years	57									
Labor Hours	.010495	.003200	.002386	.002275	.004546	.004019	.002248	.004382		
Material Cost	.067318	.017790	.013814	.011844	.017836	.025487	.025442	.042163		
Equipment Hours	.010210	.003192	.002374	.002264	.004441	.004002	.002219	.004165		
Years	65									
Labor Hours	.008907	.003366	.004590	.002641	.002873	.004608	.005274	.004919		
Material Cost	.039828	.042691	.056110	.046458	.040093	.038946	.044632	.040548		
Equipment Hours	.008881	.003322	.004469	.002595	.002848	.004586	.005262	.004777		
Years	73									
Labor Hours	.004533	.006482	.012804	.003214	.010117	.005052	.004527	.003761		
Material Cost	.040396	.045758	.124491	.037847	.039334	.051532	.040133	.036104		
Equipment Hours	.004509	.006477	.010902	.003211	.010117	.004909	.004527	.003754		

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UM = Unit of Measure ID
TD = Trade ID

APPLIED INSTRUCTION BLDG

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0500000	Interior Construction										
Years		1									
Labor Hours	.000002										
Material Cost	.000031										
Equipment Hours	.000002										
Years		9									
Labor Hours	.000640										
Material Cost	.016860										
Equipment Hours	.000640										
Years		17									
Labor Hours	.000552										
Material Cost	.012718										
Equipment Hours	.000552										
Years		25									
Labor Hours	.000942										
Material Cost	.022617										
Equipment Hours	.000942										
Years		33									
Labor Hours	.000717										
Material Cost	.025009										
Equipment Hours	.000716										
Years		41									
Labor Hours	.000565										
Material Cost	.016538										
Equipment Hours	.000563										
Years		49									
Labor Hours	.000667										
Material Cost	.020429										
Equipment Hours	.000667										
Years		57									
Labor Hours	.001045										
Material Cost	.024150										
Equipment Hours	.001008										
Years		65									
Labor Hours	.000987										
Material Cost	.025521										
Equipment Hours	.000987										
Years		73									
Labor Hours	.001348										
Material Cost	.035514										
Equipment Hours	.001192										

APPLIED INSTRUCTION BLDG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000589	.004095	.004095	.004126	.004148	.004119	.004698	.005140
Material Cost	.002876	.035869	.035869	.036339	.037818	.036305	.049536	.062121
Equipment Hours	.000589	.004095	.004095	.004126	.004148	.004119	.004505	.004755
Years	9	10	11	12	13	14	15	16
Labor Hours	.011329	.005716	.006414	.004294	.004830	.004980	.004995	.014265
Material Cost	.198203	.053759	.04260	.036926	.039315	.049870	.065516	.098614
Equipment Hours	.009136	.005524	.006414	.004294	.004830	.004812	.004679	.013300
Years	17	18	19	20	21	22	23	24
Labor Hours	.011697	.006143	.013161	.004872	.010932	.005135	.005469	.005511
Material Cost	.197514	.075461	.412596	.038346	.073714	.063627	.063150	.062120
Equipment Hours	.009503	.005698	.009986	.004872	.010650	.004875	.005108	.005125
Years	25	26	27	28	29	30	31	32
Labor Hours	.012518	.011094	.004547	.005719	.004911	.004769	.016987	.005575
Material Cost	.206980	.189473	.043144	.045870	.038955	.045933	.103171	.078477
Equipment Hours	.010324	.010344	.004531	.005712	.004911	.004745	.016259	.004986
Years	33	34	35	36	37	38	39	40
Labor Hours	.011383	.005760	.004667	.005274	.006777	.011383	.005755	.006122
Material Cost	.225338	.075550	.050027	.066909	.123419	.322910	.073550	.097884
Equipment Hours	.009020	.005284	.004522	.004986	.005684	.009312	.005295	.005416
Years	41	42	43	44	45	46	47	48
Labor Hours	.015447	.010757	.004906	.005020	.004961	.008669	.009997	.005401
Material Cost	.219988	.097271	.037443	.047742	.042515	.048949	.062672	.064492
Equipment Hours	.013074	.008740	.004906	.004959	.004946	.008480	.009744	.005016
Years	49	50	51	52	53	54	55	56
Labor Hours	.012870	.005040	.017707	.014856	.004803	.004938	.009335	.010635
Material Cost	.207242	.062586	.195466	.113010	.049545	.063234	.146839	.345490
Equipment Hours	.010674	.004680	.014032	.011565	.004651	.004674	.007597	.008185
Years	57	58	59	60	61	62	63	64
Labor Hours	.012332	.005954	.005782	.004947	.018288	.007825	.007033	.005583
Material Cost	.225339	.087164	.056337	.043561	.094175	.042153	.059589	.072622
Equipment Hours	.009854	.005454	.005341	.004913	.017737	.007817	.006209	.006181
Years	65	66	67	68	69	70	71	72
Labor Hours	.012773	.005142	.004635	.004868	.004560	.005088	.007165	.005970
Material Cost	.211348	.077946	.047177	.074435	.057228	.099600	.127206	.121481
Equipment Hours	.010138	.004841	.004553	.004610	.004427	.004616	.006424	.005193
Years	73	74	75	76	77	78	79	80
Labor Hours	.018167	.010657	.006080	.041541	.006775	.014167	.005600	.006204
Material Cost	.564724	.361400	.075230	.208968	.055967	.097026	.051086	.069269
Equipment Hours	.013179	.008207	.005357	.027240	.006607	.009625	.005397	.005714

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UM = Unit of Measure ID
TD = Trade ID

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APPLIED INSTRUCTION BLDG

Resources Per Square Foot

Task Description	UM	ID	2	3
0800000 Plumbing				
Years	1	2	3	4
Labor Hours	.000095	.000684	.001103	.001560
Material Cost	.000081	.000482	.000876	.001332
Equipment Hours	.000095	.000684	.001094	.001507
Years	9	10	11	12
Labor Hours	.002324	.001941	.002144	.002199
Material Cost	.029940	.024384	.046201	.040283
Equipment Hours	.002225	.001901	.002074	.002091
Years	17	18	19	20
Labor Hours	.001971	.001537	.001818	.002241
Material Cost	.005619	.018830	.037772	.035075
Equipment Hours	.001906	.001501	.001751	.002177
Years	25	26	27	28
Labor Hours	.002759	.002339	.002286	.002218
Material Cost	.019848	.034277	.035511	.038258
Equipment Hours	.002513	.002104	.001928	.002095
Years	33	34	35	36
Labor Hours	.002353	.001669	.001828	.002020
Material Cost	.029755	.025650	.022444	.021449
Equipment Hours	.002168	.001520	.001712	.001915
Years	41	42	43	44
Labor Hours	.009742	.004993	.001787	.002294
Material Cost	.099328	.065564	.036368	.020603
Equipment Hours	.007034	.003305	.001621	.002188
Years	49	50	51	52
Labor Hours	.002526	.002238	.002450	.002186
Material Cost	.052638	.031198	.061680	.024766
Equipment Hours	.002235	.002031	.002135	.002124
Years	57	58	59	60
Labor Hours	.002000	.001877	.001943	.002349
Material Cost	.018956	.021772	.028587	.041692
Equipment Hours	.001953	.001763	.001853	.002206
Years	65	66	67	68
Labor Hours	.002364	.002199	.002187	.002504
Material Cost	.022944	.020555	.018413	.017595
Equipment Hours	.002265	.002085	.001956	.002390
Years	73	74	75	76
Labor Hours	.002589	.001927	.002316	.020954
Material Cost	.050553	.019171	.036110	.088199
Equipment Hours	.002213	.001755	.002120	.011673
Years	81	82	83	84
Labor Hours	.002050	.001789	.001789	.001789
Material Cost	.006343	.001990	.001990	.001990
Equipment Hours	.002015	.001780	.001780	.001780
Years	15	16	17	18
Labor Hours	.002248	.001522	.001522	.001522
Material Cost	.019283	.010800	.010800	.010800
Equipment Hours	.002198	.001493	.001493	.001493
Years	23	24	25	26
Labor Hours	.001702	.001702	.001702	.001702
Material Cost	.020247	.036979	.036979	.036979
Equipment Hours	.001660	.001651	.001651	.001651
Years	31	32	33	34
Labor Hours	.002517	.002517	.002517	.002517
Material Cost	.067130	.052991	.052991	.052991
Equipment Hours	.002349	.002274	.002274	.002274
Years	39	40	41	42
Labor Hours	.001697	.001853	.001853	.001853
Material Cost	.037065	.020641	.020641	.020641
Equipment Hours	.001537	.001662	.001662	.001662
Years	47	48	49	50
Labor Hours	.002069	.002418	.002418	.002418
Material Cost	.033298	.031932	.031932	.031932
Equipment Hours	.001995	.002284	.002284	.002284
Years	55	56	57	58
Labor Hours	.002181	.002464	.002464	.002464
Material Cost	.013352	.011179	.011179	.011179
Equipment Hours	.002094	.002073	.002073	.002073
Years	63	64	65	66
Labor Hours	.001996	.002800	.002800	.002800
Material Cost	.030024	.048289	.048289	.048289
Equipment Hours	.001823	.002389	.002389	.002389
Years	71	72	73	74
Labor Hours	.001777	.002496	.002496	.002496
Material Cost	.052179	.032337	.032337	.032337
Equipment Hours	.001571	.001957	.001957	.001957
Years	79	80	81	82
Labor Hours	.003816	.002477	.002477	.002477
Material Cost	.065046	.040152	.040152	.040152
Equipment Hours	.002733	.002050	.002050	.002050

APPLIED INSTRUCTION BLOG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001048	.005184	.005260	.005266	.008343	.005568	.005660	.005622
Material Cost	.002917	.007879	.008327	.008040	.037626	.014787	.020384	.016956
Equipment Hours	.001068	.004419	.004488	.004474	.007560	.004776	.004874	.004800
Years	9	10	11	12	13	14	15	16
Labor Hours	.008604	.005708	.005995	.006219	.009180	.006161	.006569	.005995
Material Cost	.042500	.032627	.054602	.058941	.098327	.097682	.122904	.075435
Equipment Hours	.007810	.004857	.005017	.005132	.008143	.005209	.005224	.004947
Years	17	18	19	20	21	22	23	24
Labor Hours	.009190	.005929	.007354	.006142	.009042	.004013	.006168	.005988
Material Cost	.124441	.044395	.174874	.114244	.171891	.095446	.101684	.074674
Equipment Hours	.008034	.004912	.005279	.005139	.007944	.004928	.004985	.004951
Years	25	26	27	28	29	30	31	32
Labor Hours	.009330	.006445	.006826	.006436	.009004	.008458	.006690	.006685
Material Cost	.150886	.098432	.183580	.124049	.291151	.267955	.140059	.096950
Equipment Hours	.008165	.005191	.005368	.005203	.008988	.006183	.005242	.005239
Years	33	34	35	36	37	38	39	40
Labor Hours	.009339	.005917	.005734	.006247	.009004	.007570	.006074	.006456
Material Cost	.107170	.069791	.073526	.089291	.093641	.213557	.073238	.147702
Equipment Hours	.008170	.004915	.004658	.005045	.007941	.005373	.004966	.005111
Years	41	42	43	44	45	46	47	48
Labor Hours	.009319	.006298	.006485	.006459	.009059	.006237	.005968	.006395
Material Cost	.224037	.094551	.092178	.084014	.084597	.119225	.040133	.048133
Equipment Hours	.008038	.005160	.005273	.005209	.008035	.005073	.005005	.005253
Years	49	50	51	52	53	54	55	56
Labor Hours	.009238	.006145	.006175	.006090	.009214	.006575	.006167	.008125
Material Cost	.124241	.067125	.037815	.094344	.156706	.124489	.130915	.246532
Equipment Hours	.008120	.005110	.005099	.004998	.008096	.005197	.004894	.005512
Years	57	58	59	60	61	62	63	64
Labor Hours	.011599	.006498	.008480	.006076	.010047	.006410	.006175	.006442
Material Cost	.310021	.111965	.284045	.092414	.223862	.168012	.066918	.108842
Equipment Hours	.008692	.005118	.006282	.004943	.008299	.005097	.005154	.005193
Years	65	66	67	68	69	70	71	72
Labor Hours	.009820	.006166	.006267	.006761	.009411	.006070	.006273	.006271
Material Cost	.129414	.132724	.063620	.099450	.184665	.063863	.075680	.061801
Equipment Hours	.008446	.005082	.005148	.005352	.008149	.005088	.005137	.005070
Years	73	74	75	76	77	78	79	80
Labor Hours	.008947	.007279	.005446	.006139	.008843	.005884	.006238	.006257
Material Cost	.114974	.167046	.045488	.095306	.091702	.057088	.136921	.068033
Equipment Hours	.007954	.005192	.004479	.005029	.007876	.004915	.005038	.005132

APPLIED INSTRUCTION BLDG

Resources Per Square foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years	1	2	3	4	5	6	7	8
Labor Hours	.00299	.00099	.00120	.00118	.00134	.00194	.00221	.00196
Material Cost	.00000	.00013	.00032	.00145	.00233	.03256	.03454	.03435
Equipment Hours	.00029	.00099	.00120	.00118	.00134	.00192	.00220	.00191
Years	9	10	11	12	13	14	15	16
Labor Hours	.00234	.00224	.00328	.00269	.00318	.00289	.00302	.00296
Material Cost	.03651	.03705	.08381	.06791	.06990	.07031	.06904	.05929
Equipment Hours	.00233	.00223	.00326	.00267	.00316	.00283	.00299	.00294
Years	17	18	19	20	21	22	23	24
Labor Hours	.00307	.00286	.00313	.00292	.00318	.00249	.00271	.00253
Material Cost	.05701	.05794	.05831	.06804	.05942	.04359	.05032	.03927
Equipment Hours	.00305	.00283	.00311	.00287	.00317	.00248	.00270	.00252
Years	25	26	27	28	29	30	31	32
Labor Hours	.00298	.00307	.00323	.00331	.00318	.00312	.00605	.00658
Material Cost	.03830	.08742	.08175	.10526	.09702	.10301	.36421	.44416
Equipment Hours	.00292	.00293	.00319	.00320	.00312	.00297	.00483	.00507
Years	33	34	35	36	37	38	39	40
Labor Hours	.00364	.00370	.00346	.00343	.00376	.00362	.00385	.00371
Material Cost	.11877	.14915	.10541	.08943	.09046	.11015	.08913	.08891
Equipment Hours	.00362	.00349	.00343	.00341	.00374	.00363	.00379	.00366
Years	41	42	43	44	45	46	47	48
Labor Hours	.00345	.00312	.00298	.00257	.00284	.00286	.00282	.00267
Material Cost	.06330	.05607	.04151	.03920	.04328	.06851	.07841	.07333
Equipment Hours	.00342	.00314	.00297	.00256	.00283	.00284	.00285	.00261
Years	49	50	51	52	53	54	55	56
Labor Hours	.00265	.00276	.00398	.00337	.00377	.00338	.00383	.00389
Material Cost	.07213	.08345	.13177	.10188	.13283	.09948	.10612	.12297
Equipment Hours	.00283	.00271	.00394	.00317	.00372	.00335	.00334	.00378
Years	57	58	59	60	61	62	63	64
Labor Hours	.00387	.00413	.00403	.00419	.00524	.00289	.00604	.00287
Material Cost	.10653	.12304	.10377	.13126	.32385	.06356	.37910	.07037
Equipment Hours	.00383	.00396	.00403	.00401	.00470	.00281	.00460	.00271
Years	65	66	67	68	69	70	71	72
Labor Hours	.00283	.00278	.00299	.00289	.00323	.00284	.00358	.00332
Material Cost	.06330	.06746	.06827	.09398	.07325	.07321	.10261	.09524
Equipment Hours	.00285	.00275	.00293	.00288	.00317	.00281	.00355	.00330
Years	73	74	75	76	77	78	79	80
Labor Hours	.00409	.00342	.00315	.00359	.00363	.00363	.00376	.00364
Material Cost	.11162	.09963	.09865	.09030	.10323	.09097	.08930	.10016
Equipment Hours	.00406	.00387	.00348	.00354	.00360	.00356	.00374	.00358

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 UM = Unit of Measure ID
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APPLIED INSTRUCTION BLDG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
120000 Special Inter. Electr. System	2	2						
Years								
Labor Hours	.000696	.000854	.000811	.000787	.000818	.000881	.000880	.000879
Material Cost	.000000	.000000	.000000	.001123	.001167	.001880	.001848	.001918
Equipment Hours	.000696	.000854	.000811	.000787	.000818	.000881	.000880	.000879
Years								
Labor Hours	.000977	.000878	.000927	.000923	.000915	.000937	.000923	.000949
Material Cost	.002578	.002572	.003881	.004501	.003843	.006197	.005507	.018711
Equipment Hours	.000977	.000878	.000927	.000923	.000915	.000937	.000923	.000949
Years								
Labor Hours	.000958	.000896	.000906	.000897	.000902	.000876	.000879	.000881
Material Cost	.004156	.003766	.005865	.004439	.004736	.002521	.003961	.003808
Equipment Hours	.000958	.000896	.000906	.000897	.000902	.000876	.000879	.000881
Years								
Labor Hours	.000843	.000967	.000932	.000920	.000944	.000914	.000957	.000910
Material Cost	.003369	.004215	.004207	.004313	.005546	.005466	.016414	.006687
Equipment Hours	.000843	.000967	.000932	.000920	.000944	.000914	.000957	.000910
Years								
Labor Hours	.000981	.000925	.000928	.000925	.000934	.000927	.000924	.000932
Material Cost	.004151	.005566	.004879	.004520	.003332	.003971	.002841	.004834
Equipment Hours	.000981	.000925	.000928	.000925	.000934	.000927	.000924	.000932
Years								
Labor Hours	.000987	.000917	.000888	.000899	.000897	.000926	.000899	.000891
Material Cost	.004424	.004113	.004128	.005293	.005688	.016539	.006680	.004006
Equipment Hours	.000987	.000917	.000888	.000899	.000897	.000926	.000899	.000892
Years								
Labor Hours	.000907	.000954	.000930	.000906	.002356	.000922	.000915	.000947
Material Cost	.005328	.004642	.004517	.002800	.032701	.002771	.005081	.004184
Equipment Hours	.000907	.000954	.000930	.000907	.001643	.000923	.000915	.000947
Years								
Labor Hours	.000954	.000942	.000950	.000951	.001002	.000892	.000862	.000867
Material Cost	.004223	.004363	.004545	.005847	.016598	.006608	.003878	.005192
Equipment Hours	.000954	.000942	.000950	.000951	.001002	.000893	.000862	.000867
Years								
Labor Hours	.000876	.000891	.000895	.000904	.000971	.000901	.000941	.000929
Material Cost	.004694	.004503	.003214	.003973	.002833	.004489	.004182	.004230
Equipment Hours	.000876	.000891	.000895	.000904	.000971	.000901	.000941	.000929
Years								
Labor Hours	.000946	.000948	.000959	.000960	.000935	.000974	.000921	.000930
Material Cost	.004295	.005408	.006185	.016545	.006766	.004091	.005380	.004998
Equipment Hours	.000946	.000948	.000959	.000960	.000935	.000974	.000921	.000930

AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task Description	UM TD	1	2	3	4	5	6	7	8
0000000 Total Summary	2 1								
Years	1								
Labor Hours	.009036	.020614	.02379	.02388	.026070	.025317	.025091	.025091	.035342
Material Cost	.086692	.195155	.197948	.209038	.221250	.235197	.241672	.259859	.259859
Equipment Hours	.007351	.018213	.019540	.020954	.023414	.022482	.022576	.022576	.032536
Years	9								
Labor Hours	.034885	.030173	.031582	.031463	.032645	.038574	.035730	.039767	.039767
Material Cost	.307022	.286575	.346445	.444926	.434733	.641046	.495687	.372608	.372608
Equipment Hours	.031251	.027438	.028929	.026731	.027832	.030189	.030096	.036645	.036645
Years	17								
Labor Hours	.035927	.035749	.038156	.033894	.035700	.026112	.036185	.036185	.036185
Material Cost	.388800	.378215	.508846	.493664	.409125	.324215	.359034	.350627	.350627
Equipment Hours	.031881	.032296	.032639	.029668	.032219	.023263	.032831	.027582	.027582
Years	25								
Labor Hours	.036261	.047270	.057133	.039436	.060445	.036046	.040828	.047470	.047470
Material Cost	.435843	.698652	.847056	.503939	.739239	.584898	.634270	.626617	.626617
Equipment Hours	.032140	.036704	.042234	.032524	.044540	.030520	.036755	.034837	.034837
Years	33								
Labor Hours	.036245	.031863	.029589	.030501	.035733	.041289	.034470	.042259	.042259
Material Cost	.452157	.451617	.388833	.344827	.527294	.422603	.480708	.771287	.771287
Equipment Hours	.032180	.027932	.025853	.027480	.030956	.037324	.029623	.033466	.033466
Years	41								
Labor Hours	.042433	.031902	.027966	.029034	.041288	.038504	.033231	.037292	.037292
Material Cost	.522237	.387781	.331597	.373824	.463315	.471363	.389232	.352656	.352656
Equipment Hours	.035336	.028404	.024608	.025453	.036746	.033976	.029670	.034242	.034242
Years	49								
Labor Hours	.033874	.027801	.037254	.048441	.058099	.042618	.038221	.035106	.035106
Material Cost	.473152	.368023	.509316	.575978	.767204	.643932	.492509	.444014	.444014
Equipment Hours	.030265	.024430	.033179	.038694	.043840	.034775	.032449	.030764	.030764
Years	57								
Labor Hours	.075082	.030711	.035029	.032925	.040744	.031965	.055696	.030511	.030511
Material Cost	.817023	.446133	.661046	.406660	.570369	.495972	.554403	.421786	.421786
Equipment Hours	.053156	.027173	.028907	.029184	.036335	.027645	.040642	.026829	.026829
Years	65								
Labor Hours	.043344	.041421	.036751	.031831	.037159	.031621	.038875	.035096	.035096
Material Cost	.479086	.666312	.446699	.466822	.455796	.393427	.636195	.441918	.441918
Equipment Hours	.037137	.032796	.031304	.027225	.029603	.027232	.034210	.031791	.031791
Years	73								
Labor Hours	.044688	.037286	.038405	.092830	.033014	.047060	.055039	.038280	.038280
Material Cost	.644872	.491665	.466448	.775265	.473336	.593995	.875892	.526300	.526300
Equipment Hours	.039345	.033767	.033448	.061555	.029955	.034833	.039757	.030405	.030405

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AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing		UM TD 2 17						
Years								
Labor Hours	.003371	.004367	.005099	.004672	.004241	.005041	.004377	.004571
Material Cost	.018156	.029409	.028287	.029409	.027031	.026942	.026606	.026606
Equipment Hours	.001686	.002184	.002551	.002336	.002121	.002521	.002188	.002286
Years								
Labor Hours	.005698	.004574	.004314	.007643	.007826	.015568	.009453	.004569
Material Cost	.026606	.027031	.026942	.096082	.120387	.318900	.141731	.029746
Equipment Hours	.002849	.002288	.002157	.003822	.003913	.007785	.004727	.002285
Years								
Labor Hours	.006256	.005528	.006412	.005733	.005054	.004488	.005179	.004216
Material Cost	.037141	.033290	.042701	.033330	.032574	.026606	.029707	.028748
Equipment Hours	.003129	.002765	.003207	.002867	.002527	.002244	.002590	.002108
Years								
Labor Hours	.005482	.018344	.027064	.012165	.027313	.004029	.004374	.022628
Material Cost	.029409	.201634	.321129	.129625	.154240	.039234	.030043	.128491
Equipment Hours	.002741	.009173	.013533	.006083	.013657	.003015	.002187	.011314
Years								
Labor Hours	.005481	.005421	.005366	.004522	.004354	.005143	.008120	.015277
Material Cost	.029595	.037381	.029409	.027989	.030043	.027031	.127057	.315800
Equipment Hours	.002741	.002711	.002683	.002262	.002177	.002572	.004060	.007639
Years								
Labor Hours	.008800	.004120	.005239	.005655	.006210	.006723	.005656	.004606
Material Cost	.127057	.026942	.030466	.044402	.040583	.040333	.033975	.029982
Equipment Hours	.004401	.002060	.002620	.002828	.003105	.003363	.002828	.002303
Years								
Labor Hours	.005140	.004153	.004533	.017984	.026844	.011999	.004657	.006509
Material Cost	.029707	.025441	.026606	.194323	.321091	.129534	.029409	.037566
Equipment Hours	.002571	.002077	.002268	.008993	.013423	.006000	.002329	.003255
Years								
Labor Hours	.027463	.004530	.006172	.004107	.005315	.004789	.022313	.005056
Material Cost	.153942	.028325	.042335	.026606	.029595	.028996	.128209	.026606
Equipment Hours	.013732	.002265	.003086	.002054	.002658	.002395	.011157	.002529
Years								
Labor Hours	.008208	.015302	.008910	.007452	.004710	.005273	.006064	.005013
Material Cost	.127057	.316225	.127057	.089747	.026606	.029033	.038205	.030230
Equipment Hours	.004105	.007652	.004455	.003727	.002355	.002638	.003033	.002508
Years								
Labor Hours	.006116	.004183	.005837	.005756	.004602	.017776	.027103	.011976
Material Cost	.045595	.027989	.032948	.037141	.029409	.192817	.320331	.128727
Equipment Hours	.003059	.002091	.002920	.002879	.002301	.008889	.013552	.005988

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AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0400000 Exterior Closure								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000048	.000108	.000209	.001069	.002027	.001001	.001557	.010258
Material Cost	.000218	.000358	.000513	.001095	.003591	.001109	.003492	.015669
Equipment Hours	.000048	.000108	.000209	.001069	.002027	.001001	.001557	.010258
Years	9	10	11	12	13	14	15	16
Labor Hours	.004488	.005747	.005887	.001515	.000783	.001501	.004468	.008207
Material Cost	.007784	.012185	.014194	.009094	.007729	.008937	.014335	.017926
Equipment Hours	.004488	.005747	.005887	.001515	.000783	.001501	.004468	.008207
Years	17	18	19	20	21	22	23	24
Labor Hours	.004177	.007679	.008066	.005569	.005128	.001172	.009239	.005073
Material Cost	.011543	.017549	.019285	.012076	.010664	.003970	.017956	.010575
Equipment Hours	.004177	.007679	.008066	.005569	.005128	.001172	.009239	.005073
Years	25	26	27	28	29	30	31	32
Labor Hours	.002332	.001862	.005843	.003513	.005460	.006142	.005904	.001492
Material Cost	.008479	.008548	.013503	.009694	.013727	.016668	.015232	.001150
Equipment Hours	.002332	.001862	.005843	.003513	.005460	.006142	.005904	.001492
Years	33	34	35	36	37	38	39	40
Labor Hours	.003061	.004438	.002663	.004987	.005972	.013320	.005155	.005393
Material Cost	.010738	.011071	.007889	.010740	.013788	.026056	.012854	.014647
Equipment Hours	.003061	.004438	.002663	.004987	.005972	.013320	.005155	.005393
Years	41	42	43	44	45	46	47	48
Labor Hours	.002245	.004134	.001014	.001277	.011297	.004068	.005782	.008833
Material Cost	.008346	.013299	.008026	.008907	.022512	.010525	.012166	.011325
Equipment Hours	.002245	.004134	.001014	.001277	.011297	.004068	.005782	.008833
Years	49	50	51	52	53	54	55	56
Labor Hours	.001633	.000926	.001702	.007245	.006704	.006729	.006209	.006068
Material Cost	.003319	.006710	.007857	.017234	.014643	.017155	.017247	.016696
Equipment Hours	.001633	.000926	.001702	.007245	.006704	.006729	.006209	.006068
Years	57	58	59	60	61	62	63	64
Labor Hours	.009993	.002902	.003090	.005220	.002414	.004939	.005142	.003593
Material Cost	.067556	.010919	.012117	.010761	.006996	.040428	.015894	.014834
Equipment Hours	.008444	.002902	.003086	.005220	.002414	.004378	.005117	.003572
Years	65	66	67	68	69	70	71	72
Labor Hours	.007444	.003984	.006471	.001444	.001582	.003190	.009467	.008455
Material Cost	.020816	.013109	.034189	.025882	.029520	.031412	.035392	.032023
Equipment Hours	.007426	.003972	.006453	.001424	.001560	.003166	.009459	.008455
Years	73	74	75	76	77	78	79	80
Labor Hours	.007181	.009925	.006746	.006945	.003902	.001742	.003945	.002919
Material Cost	.035942	.048299	.039680	.080094	.003902	.031936	.034258	.029765
Equipment Hours	.007181	.009913	.006746	.005820	.003902	.001734	.003945	.002919

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AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0500000 Interior Construction		UM TD 2 1						
Years	1							
Labor Hours	.000000	.000001	.000008	.000258	.000261	.000030	.000043	.000341
Material Cost	.000003	.000005	.000008	.001452	.002720	.001636	.001512	.003178
Equipment Hours	.000000	.000001	.000008	.000258	.000261	.000030	.000043	.000341
Years	9	10	11	12	13	14	15	16
Labor Hours	.000264	.000053	.000156	.000415	.000384	.000195	.000214	.000543
Material Cost	.002928	.002926	.010949	.011858	.013525	.011295	.010856	.011905
Equipment Hours	.000264	.000053	.000156	.000415	.000384	.000195	.000214	.000543
Years	17	18	19	20	21	22	23	24
Labor Hours	.000414	.000153	.000520	.000356	.000270	.000114	.000054	.000278
Material Cost	.012667	.011433	.016917	.010762	.002972	.002341	.002832	.004064
Equipment Hours	.000414	.000153	.000346	.000356	.000270	.000114	.000054	.000278
Years	25	26	27	28	29	30	31	32
Labor Hours	.000396	.000216	.000210	.000430	.000499	.000167	.000362	.000377
Material Cost	.012663	.013119	.013051	.014233	.013088	.011176	.013009	.012645
Equipment Hours	.000396	.000216	.000210	.000430	.000499	.000167	.000362	.000377
Years	33	34	35	36	37	38	39	40
Labor Hours	.000302	.000236	.000136	.000342	.000582	.000126	.000250	.000347
Material Cost	.010389	.010160	.003535	.006236	.011878	.003893	.012742	.013026
Equipment Hours	.000302	.000236	.000136	.000342	.000409	.000126	.000250	.000347
Years	41	42	43	44	45	46	47	48
Labor Hours	.000332	.000256	.000256	.000335	.000327	.000340	.000252	.000314
Material Cost	.012975	.011033	.010923	.010840	.011459	.011224	.010122	.011538
Equipment Hours	.000332	.000256	.000256	.000335	.000327	.000340	.000252	.000314
Years	49	50	51	52	53	54	55	56
Labor Hours	.000277	.000170	.001622	.000262	.000312	.000193	.000590	.000387
Material Cost	.004069	.003126	.005465	.004682	.011565	.011031	.020088	.014420
Equipment Hours	.000277	.000170	.000868	.000262	.000312	.000193	.000416	.000387
Years	57	58	59	60	61	62	63	64
Labor Hours	.000409	.000225	.000271	.000353	.000489	.000209	.000059	.000413
Material Cost	.012089	.011520	.011507	.014285	.013956	.011269	.002624	.005970
Equipment Hours	.000409	.000225	.000271	.000353	.000489	.000209	.000059	.000413
Years	65	66	67	68	69	70	71	72
Labor Hours	.000327	.000174	.000162	.000411	.000446	.000185	.000342	.000559
Material Cost	.005270	.005832	.012406	.013381	.014576	.011654	.020216	.019013
Equipment Hours	.000327	.000174	.000162	.000411	.000446	.000185	.000342	.000559
Years	73	74	75	76	77	78	79	80
Labor Hours	.000879	.000306	.000309	.000650	.000479	.000244	.000222	.000280
Material Cost	.028929	.019105	.023544	.020479	.011606	.012033	.010572	.012734
Equipment Hours	.000705	.000299	.000309	.000650	.000479	.000244	.000222	.000272

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AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task Description	UM TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes									
Years	1								
Labor Hours	.003822	.010177	.010177	.010177	.010177	.010178	.010662	.010531	.010714
Material Cost	.064413	.159107	.159107	.159107	.159107	.159174	.162358	.161477	.162403
Equipment Hours	.003822	.010177	.010177	.010177	.010177	.010178	.010662	.010531	.010714
Years	9								
Labor Hours	.013397	.010734	.011340	.011611	.01184	.01184	.011707	.010681	.015949
Material Cost	.186087	.163706	.163981	.162884	.160790	.160790	.168542	.162005	.165193
Equipment Hours	.013294	.010734	.011340	.011611	.01184	.01184	.011633	.010676	.015949
Years	17								
Labor Hours	.014065	.012456	.013674	.011749	.011723	.011723	.011472	.011722	.011289
Material Cost	.191950	.171162	.280505	.234672	.162363	.162363	.170635	.168880	.166658
Equipment Hours	.013069	.012451	.012137	.011406	.011723	.011723	.011466	.011649	.011274
Years	25								
Labor Hours	.015293	.016349	.012668	.012024	.013431	.013431	.010749	.017925	.011387
Material Cost	.198209	.227982	.167631	.165084	.231628	.231628	.162404	.182076	.168389
Equipment Hours	.015190	.016107	.012668	.012024	.013162	.013162	.010749	.017608	.011314
Years	33								
Labor Hours	.014029	.011019	.010730	.010674	.013022	.013022	.011700	.010924	.010674
Material Cost	.184533	.164747	.167227	.162792	.310817	.310817	.198067	.162636	.162792
Equipment Hours	.013921	.011019	.010657	.010667	.011601	.011601	.011242	.010924	.010667
Years	41								
Labor Hours	.015078	.012392	.011143	.011960	.010860	.010860	.016823	.011538	.012743
Material Cost	.194852	.173994	.161805	.167006	.221830	.221830	.236521	.162017	.164629
Equipment Hours	.014901	.012378	.011143	.011960	.010591	.010591	.016554	.011538	.012743
Years	49								
Labor Hours	.015086	.011644	.018252	.012767	.011697	.011697	.012229	.012905	.011578
Material Cost	.201132	.169444	.234079	.184189	.173677	.173677	.226919	.250762	.197805
Equipment Hours	.014969	.011570	.018070	.012701	.011622	.011622	.011954	.011752	.011121
Years	57								
Labor Hours	.022767	.011338	.012583	.010749	.018297	.018297	.011783	.016471	.011050
Material Cost	.226148	.163167	.172370	.162404	.180450	.180450	.225130	.186157	.164737
Equipment Hours	.018425	.011333	.012032	.010749	.017981	.017981	.011514	.014034	.011050
Years	65								
Labor Hours	.013443	.011412	.010559	.011264	.018720	.018720	.011463	.012415	.010882
Material Cost	.186006	.170159	.164787	.172277	.199360	.199360	.176470	.337710	.162922
Equipment Hours	.013340	.011412	.010545	.011189	.014476	.014476	.011435	.011761	.010876
Years	73								
Labor Hours	.018076	.012360	.011895	.057876	.012696	.012696	.016746	.011654	.010662
Material Cost	.322975	.202190	.167331	.374457	.175261	.175261	.189089	.169524	.162358
Equipment Hours	.016702	.011888	.011895	.036894	.012623	.012623	.014121	.011628	.010662

AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000100	.000697	.001187	.001810	.002303	.002094	.001874	.002813
Material Cost	.000071	.000545	.001092	.003444	.003111	.003185	.005195	.009054
Equipment Hours	.000100	.000697	.001148	.001567	.002037	.002055	.001814	.002629
Years								
Labor Hours	.002888	.002204	.002188	.002535	.003506	.001887	.002653	.002835
Material Cost	.023731	.024989	.031376	.044802	.021468	.021639	.021681	.042740
Equipment Hours	.002566	.002121	.002137	.002262	.003084	.001857	.002571	.002562
Years								
Labor Hours	.002271	.002306	.001799	.002665	.004844	.001724	.002359	.002410
Material Cost	.023431	.021258	.043164	.052313	.079564	.040447	.029837	.043740
Equipment Hours	.001988	.002244	.001705	.002369	.004452	.001636	.002314	.002088
Years								
Labor Hours	.003744	.002316	.002422	.003043	.002957	.003620	.002583	.002459
Material Cost	.042269	.081455	.076494	.039247	.071596	.074398	.066734	.055381
Equipment Hours	.003101	.002183	.002087	.002903	.002585	.002878	.002399	.002351
Years								
Labor Hours	.003385	.002411	.002638	.001836	.002487	.002907	.001792	.002076
Material Cost	.024864	.033886	.025689	.015128	.024588	.020064	.029868	.032213
Equipment Hours	.003076	.002026	.002309	.001753	.002031	.002594	.001627	.001826
Years								
Labor Hours	.006999	.003374	.002604	.002114	.003672	.003090	.002086	.002930
Material Cost	.069653	.060406	.030339	.032770	.048262	.073802	.050643	.032594
Equipment Hours	.005049	.002573	.002436	.002059	.003089	.002647	.002007	.002860
Years								
Labor Hours	.002928	.003276	.002434	.002269	.003082	.002725	.005663	.002331
Material Cost	.078204	.054793	.090187	.047713	.035889	.038226	.049595	.035081
Equipment Hours	.002484	.002611	.002227	.002164	.002951	.002320	.004077	.002314
Years								
Labor Hours	.002785	.002834	.002248	.004032	.003902	.002574	.002981	.002097
Material Cost	.035812	.025017	.039176	.038362	.060211	.057192	.032879	.038904
Equipment Hours	.002263	.002540	.001954	.003053	.003695	.002230	.002595	.001967
Years								
Labor Hours	.005149	.002726	.003064	.003193	.002204	.004047	.002410	.002113
Material Cost	.034973	.015910	.021179	.017437	.026301	.049277	.075183	.060175
Equipment Hours	.003771	.002435	.002555	.003132	.002071	.002811	.001953	.001969
Years								
Labor Hours	.003135	.002561	.005705	.013529	.001885	.002635	.003330	.004324
Material Cost	.042151	.060432	.059566	.128328	.068948	.044604	.089085	.068401
Equipment Hours	.002898	.002202	.004071	.007818	.001795	.002457	.002518	.003049

AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000734	.003212	.003284	.003423	.004512	.003503	.003571	.003629
Material Cost	.001537	.004845	.006734	.006948	.018061	.008748	.010341	.009292
Equipment Hours	.000734	.002994	.003033	.003117	.004240	.003237	.003313	.003301
Years	9	10	11	12	13	14	15	16
Labor Hours	.004837	.003690	.003880	.004249	.005130	.004085	.004378	.004077
Material Cost	.023034	.019042	.029121	.059114	.047125	.046063	.079510	.043423
Equipment Hours	.004486	.003335	.003446	.003624	.004670	.003616	.003582	.003533
Years	17	18	19	20	21	22	23	24
Labor Hours	.004940	.004061	.003931	.004371	.005107	.003888	.004161	.004037
Material Cost	.055793	.048015	.053020	.099733	.076799	.045578	.062930	.057796
Equipment Hours	.004505	.003461	.003439	.003676	.004566	.003395	.003532	.003440
Years	25	26	27	28	29	30	31	32
Labor Hours	.005382	.004702	.004284	.004156	.006578	.005466	.004482	.004264
Material Cost	.104733	.108532	.097125	.039705	.145760	.187646	.084327	.066683
Equipment Hours	.004763	.003706	.003616	.003639	.005209	.003865	.003601	.003657
Years	33	34	35	36	37	38	39	40
Labor Hours	.005465	.003818	.004051	.004149	.005069	.004060	.004010	.004406
Material Cost	.064729	.035061	.063871	.047386	.058333	.060362	.059904	.159942
Equipment Hours	.004752	.003354	.003443	.003539	.004567	.003481	.003428	.003541
Years	41	42	43	44	45	46	47	48
Labor Hours	.005171	.004169	.004085	.004381	.005191	.003897	.004244	.004317
Material Cost	.056445	.058491	.050209	.069496	.076399	.031623	.058177	.033898
Equipment Hours	.004639	.003572	.003549	.003706	.004637	.003476	.003629	.003672
Years	49	50	51	52	53	54	55	56
Labor Hours	.005049	.004118	.004172	.003992	.005217	.004782	.003921	.004123
Material Cost	.065409	.041793	.050769	.042014	.100765	.132431	.038268	.064159
Equipment Hours	.004619	.003607	.003544	.003446	.004624	.003651	.003426	.003548
Years	57	58	59	60	61	62	63	64
Labor Hours	.006587	.004352	.005908	.004069	.005283	.004020	.004208	.004213
Material Cost	.145697	.091123	.265386	.051762	.071886	.050711	.054030	.057683
Equipment Hours	.005174	.003559	.003962	.003511	.004701	.003505	.003622	.003578
Years	65	66	67	68	69	70	71	72
Labor Hours	.005327	.004241	.003850	.004329	.005529	.003823	.003863	.004050
Material Cost	.064119	.086101	.029192	.068000	.090909	.030990	.037446	.050626
Equipment Hours	.004751	.003622	.003440	.003671	.004768	.003408	.003392	.003460
Years	73	74	75	76	77	78	79	80
Labor Hours	.004977	.003929	.003925	.004043	.005174	.003884	.004531	.004183
Material Cost	.081157	.044383	.054785	.050194	.069398	.044810	.151933	.051974
Equipment Hours	.004516	.003405	.003368	.003503	.004620	.003388	.003675	.003611

AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
11100000	Interior Electrical	2	2								
Years											
Labor Hours	.000328	.001216	.001622	.001589	.001750	.002094	.002284	.002128			
Material Cost	.000294	.000885	.002100	.001894	.006160	.029663	.031412	.032298			
Equipment Hours	.000328	.001216	.001622	.001589	.001750	.002085	.002274	.002119			
Years											
Labor Hours	.002444	.002262	.002877	.002591	.002888	.002723	.002938	.002702			
Material Cost	.033391	.033151	.066000	.057141	.057758	.061294	.060529	.048929			
Equipment Hours	.002434	.002252	.002865	.002579	.002868	.002694	.002914	.002681			
Years											
Labor Hours	.002882	.002696	.002826	.002580	.002683	.002407	.002573	.002470			
Material Cost	.052855	.049788	.046461	.046032	.042130	.032715	.042800	.035184			
Equipment Hours	.002858	.002674	.002812	.002554	.002664	.002388	.002556	.002455			
Years											
Labor Hours	.002729	.002583	.003689	.003205	.003262	.002972	.004258	.003976			
Material Cost	.035863	.053478	.153858	.100400	.104834	.088414	.232261	.184136			
Equipment Hours	.002713	.002560	.003325	.003032	.003029	.002826	.003774	.003456			
Years											
Labor Hours	.003592	.003616	.003081	.003107	.003312	.003149	.003275	.003190			
Material Cost	.121627	.154369	.084351	.071338	.075826	.082973	.071716	.068742			
Equipment Hours	.003416	.003261	.003050	.003083	.003289	.003112	.003233	.003156			
Years											
Labor Hours	.002886	.002570	.002695	.002436	.002807	.002675	.002757	.002677			
Material Cost	.049049	.039785	.033816	.036149	.037168	.056669	.058433	.063052			
Equipment Hours	.002848	.002545	.002662	.002412	.002776	.002642	.002719	.002645			
Years											
Labor Hours	.002835	.002636	.003616	.003038	.003317	.003053	.003338	.003197			
Material Cost	.086238	.061959	.092228	.083763	.105511	.084594	.082938	.074256			
Equipment Hours	.002785	.002599	.003579	.002999	.003277	.003019	.003303	.003161			
Years											
Labor Hours	.004112	.003617	.003796	.003478	.004130	.002794	.003623	.003233			
Material Cost	.171849	.109984	.113838	.097477	.196732	.078657	.128910	.108307			
Equipment Hours	.003741	.003436	.003555	.003328	.003483	.002557	.003159	.002865			
Years											
Labor Hours	.002549	.002716	.002821	.002868	.003037	.002756	.003363	.003105			
Material Cost	.035946	.056888	.058844	.076088	.064543	.060507	.088131	.082934			
Equipment Hours	.002519	.002664	.002781	.002801	.002995	.002706	.003320	.003048			
Years											
Labor Hours	.003367	.003095	.003231	.003127	.003339	.003147	.003311	.003048			
Material Cost	.082137	.084843	.085114	.073780	.079387	.072937	.095158	.067542			
Equipment Hours	.003327	.003043	.003183	.003091	.003298	.003114	.003275	.003015			

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 UM = Unit of Measure ID
 TD = Trade ID

AVIATION UNIT MAINTENANCE HANG

Resources Per Square Foot

Task Description	1200000 Special Inter. Electr. System	UM ID	2	2
Years	1	2	3	4
Labor Hours	.000611	.000837	.000795	.000841
Material Cost	.000000	.000000	.000067	.001069
Equipment Hours	.000611	.000837	.000795	.000841
Years	9	10	11	12
Labor Hours	.000868	.000909	.000939	.000903
Material Cost	.003461	.003543	.003881	.003951
Equipment Hours	.000868	.000909	.000939	.000903
Years	17	18	19	20
Labor Hours	.000922	.000870	.000928	.000872
Material Cost	.003623	.005720	.004793	.004746
Equipment Hours	.000922	.000870	.000928	.000872
Years	25	26	27	28
Labor Hours	.000904	.000898	.000950	.000902
Material Cost	.004217	.003904	.003965	.003952
Equipment Hours	.000904	.000898	.000950	.000902
Years	33	34	35	36
Labor Hours	.000930	.000905	.000925	.000882
Material Cost	.005681	.004941	.004863	.002219
Equipment Hours	.000930	.000905	.000925	.000882
Years	41	42	43	44
Labor Hours	.000923	.000886	.000928	.000876
Material Cost	.003659	.003850	.006014	.004232
Equipment Hours	.000923	.000886	.000928	.000876
Years	49	50	51	52
Labor Hours	.000927	.000876	.000922	.000883
Material Cost	.004874	.004758	.002124	.002080
Equipment Hours	.000927	.000876	.000922	.000883
Years	57	58	59	60
Labor Hours	.000966	.000915	.000961	.000915
Material Cost	.003929	.006079	.004319	.005003
Equipment Hours	.000966	.000915	.000961	.000915
Years	65	66	67	68
Labor Hours	.000898	.000864	.000913	.000870
Material Cost	.004898	.002090	.002044	.004028
Equipment Hours	.000898	.000864	.000913	.000870
Years	73	74	75	76
Labor Hours	.000957	.000924	.000956	.000901
Material Cost	.005987	.004425	.005079	.010791
Equipment Hours	.000957	.000924	.000956	.000901
Years	8	15	23	24
Labor Hours	.000857	.000945	.000897	.000865
Material Cost	.001637	.005040	.004092	.003861
Equipment Hours	.000857	.000945	.000897	.000865
Years	16	22	30	32
Labor Hours	.000886	.000906	.000885	.000889
Material Cost	.010747	.004375	.001924	.003743
Equipment Hours	.000886	.000906	.000885	.000889
Years	39	46	54	56
Labor Hours	.000897	.000885	.000909	.000913
Material Cost	.004125	.004157	.004041	.004031
Equipment Hours	.000897	.000885	.000909	.000913
Years	47	55	63	64
Labor Hours	.000917	.000938	.000899	.000856
Material Cost	.003698	.004202	.005702	.004743
Equipment Hours	.000917	.000938	.000899	.000856
Years	72	79	80	
Labor Hours	.000917	.000942	.000889	
Material Cost	.003997	.004830	.004799	
Equipment Hours	.000917	.000942	.000889	

ORGANIZATIONAL VEH MAINT FAC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary		2	1							
Years	1									
Labor Hours	.007652	.018296	.020405	.024141	.025518	.024700	.026256	.026256	.026256	.031291
Material Cost	.034078	.070928	.075813	.098771	.111690	.135577	.172957	.172957	.172957	.181853
Equipment Hours	.006260	.015874	.017524	.021033	.022596	.021803	.023511	.023511	.023511	.028365
Years	9									
Labor Hours	.034204	.028630	.030874	.030666	.034767	.034654	.037474	.037474	.037474	.038439
Material Cost	.220054	.222219	.305046	.348416	.429791	.438780	.461409	.461409	.461409	.509796
Equipment Hours	.030696	.025759	.027759	.026392	.029223	.028516	.031350	.031350	.031350	.034495
Years	17									
Labor Hours	.036867	.032283	.041318	.033310	.039291	.030390	.035145	.035145	.035145	.036638
Material Cost	.583302	.302425	.542123	.365521	.418629	.392606	.325117	.325117	.325117	.414805
Equipment Hours	.032470	.028075	.034090	.028562	.033617	.026606	.031549	.031549	.031549	.032188
Years	25									
Labor Hours	.039445	.041467	.057986	.041861	.062315	.040159	.052604	.052604	.052604	.040998
Material Cost	.389110	.673637	.898989	.519714	.730356	.559951	.787543	.787543	.787543	.575903
Equipment Hours	.034379	.033712	.041402	.033967	.044493	.032045	.040954	.040954	.040954	.033476
Years	33									
Labor Hours	.038949	.033204	.030870	.031205	.035012	.041598	.033116	.033116	.033116	.039324
Material Cost	.563850	.421231	.421066	.668319	.434244	.572041	.401507	.401507	.401507	.580555
Equipment Hours	.033341	.028641	.026321	.026491	.029889	.034262	.028085	.028085	.028085	.031700
Years	41									
Labor Hours	.045075	.035090	.034764	.034719	.038237	.035525	.034852	.034852	.034852	.036840
Material Cost	.457474	.705727	.329444	.453642	.370119	.616398	.354673	.354673	.354673	.313193
Equipment Hours	.037731	.028397	.030349	.029617	.033954	.030727	.031403	.031403	.031403	.033280
Years	49									
Labor Hours	.037424	.030974	.042690	.043610	.048214	.037660	.061336	.061336	.061336	.041056
Material Cost	.448750	.398937	.564953	.735605	.581042	.532093	.570962	.570962	.570962	.608268
Equipment Hours	.032985	.026320	.036636	.036769	.038422	.030164	.047608	.047608	.047608	.033013
Years	57									
Labor Hours	.068150	.041806	.060343	.046588	.047052	.055176	.046035	.046035	.046035	.035653
Material Cost	.774110	.516239	.656441	.416864	.881932	.572079	.459845	.459845	.459845	.406974
Equipment Hours	.049543	.033971	.043908	.038205	.040395	.045423	.036043	.036043	.036043	.030300
Years	65									
Labor Hours	.050421	.038749	.041829	.039460	.038249	.038991	.042919	.042919	.042919	.038044
Material Cost	.463453	.544066	.770254	.495572	.505330	.396291	.780956	.780956	.780956	.556284
Equipment Hours	.043630	.030992	.035137	.032380	.032027	.032073	.035022	.035022	.035022	.032224
Years	73									
Labor Hours	.045321	.042010	.043869	.077737	.039404	.046490	.048618	.048618	.048618	.047577
Material Cost	.524027	.632830	.490124	.660438	.709511	.527183	.706944	.706944	.706944	.552660
Equipment Hours	.038838	.034820	.036532	.053742	.033339	.035584	.036470	.036470	.036470	.036347

ORGANIZATIONAL VEH MAINT FAC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
030000 Roofing										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.002785	.004039	.004756	.004375	.004138	.004757	.004306	.004175		
Material Cost	.016360	.027573	.028828	.027723	.028609	.028053	.026533	.026499		
Equipment Hours	.001393	.002020	.002378	.002188	.002070	.002379	.002153	.002088		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.004964	.004503	.004735	.005667	.007234	.010753	.008817	.005227		
Material Cost	.026971	.028872	.006926	.054528	.109381	.196968	.131016	.049848		
Equipment Hours	.002482	.002252	.002368	.002834	.003617	.005376	.004409	.002614		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.005391	.006476	.008617	.006878	.008561	.004785	.004934	.004446		
Material Cost	.036452	.053248	.078687	.056510	.084889	.032326	.031800	.031257		
Equipment Hours	.002696	.003239	.004309	.003439	.004281	.002393	.002468	.002223		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.006534	.008997	.029605	.012579	.029243	.009969	.017224	.010294		
Material Cost	.049623	.086390	.21372	.117056	.184248	.076929	.109359	.060489		
Equipment Hours	.003267	.004499	.014803	.006290	.014622	.004985	.008612	.005147		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.005303	.005232	.005948	.005398	.005298	.008129	.007227	.011389		
Material Cost	.032190	.034915	.045486	.045339	.045782	.092822	.099675	.205192		
Equipment Hours	.002652	.002617	.002974	.002700	.002650	.004065	.003614	.005695		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.009124	.008057	.006367	.006025	.005428	.006156	.004904	.004703		
Material Cost	.131816	.098734	.065530	.062601	.042115	.045157	.032416	.031966		
Equipment Hours	.004562	.004029	.003184	.003013	.002714	.003078	.002452	.002352		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.005173	.004284	.006650	.008795	.016626	.008488	.18216	.010174		
Material Cost	.030952	.027414	.058681	.082422	.188553	.086369	.123812	.081393		
Equipment Hours	.002587	.002142	.003325	.004398	.008314	.004245	.009108	.005087		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.025308	.009850	.023974	.005039	.006725	.012300	.004958	.005796		
Material Cost	.178856	.082004	.153430	.035787	.052472	.084017	.033899	.046574		
Equipment Hours	.012654	.004925	.011987	.002520	.003363	.006150	.002479	.002898		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.006627	.010580	.006501	.005336	.005278	.005257	.006853	.006408		
Material Cost	.083065	.185276	.077529	.045464	.049292	.043110	.070107	.069669		
Equipment Hours	.003314	.005290	.003251	.002668	.002639	.002629	.003426	.003204		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.006340	.005808	.007368	.005915	.007539	.010622	.017056	.008754		
Material Cost	.064180	.054506	.072618	.048038	.070320	.111150	.194571	.086168		
Equipment Hours	.003171	.002904	.003685	.002958	.003770	.005311	.008528	.004377		

ORGANIZATIONAL VEN MAINT FAC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000079	.000127	.000328	.001988	.002317	.002641	.004007	.007406		
Material Cost	.000444	.000721	.001447	.007711	.009730	.013238	.020490	.037645		
Equipment Hours	.000079	.000127	.000328	.001988	.002317	.002641	.004007	.007406		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.005948	.005747	.005586	.002533	.002025	.003823	.005832	.007703		
Material Cost	.037119	.045433	.055214	.045636	.045708	.039950	.033118	.029883		
Equipment Hours	.005948	.005747	.005586	.002533	.002005	.003790	.005794	.007664		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.005410	.004604	.008307	.004001	.004412	.005428	.008855	.008767		
Material Cost	.034291	.037117	.046053	.033988	.037048	.048374	.057042	.051061		
Equipment Hours	.005374	.004568	.008292	.003958	.004376	.005389	.008820	.008729		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.006792	.005988	.005147	.003955	.005667	.005086	.006427	.005874		
Material Cost	.038601	.030693	.030294	.030009	.044161	.047811	.055244	.057267		
Equipment Hours	.006754	.005956	.005109	.003901	.005548	.004947	.006234	.005661		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.005576	.005843	.003829	.003278	.004995	.009890	.004612	.004975		
Material Cost	.065638	.057604	.051365	.046347	.044146	.045517	.034550	.039822		
Equipment Hours	.005369	.005657	.003641	.003103	.004773	.009720	.004487	.004869		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.006361	.003527	.005203	.005438	.007995	.005464	.007580	.009158		
Material Cost	.041998	.038650	.050141	.040512	.065243	.058479	.052187	.049273		
Equipment Hours	.006312	.003385	.005094	.005317	.007887	.005343	.007497	.009019		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.005553	.003910	.006964	.008877	.005021	.003683	.005706	.005344		
Material Cost	.036279	.039388	.037876	.044646	.043453	.044390	.058167	.055566		
Equipment Hours	.005481	.003851	.006953	.008864	.005018	.003672	.005703	.005333		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.006594	.004364	.005631	.007364	.004684	.004325	.003666	.004789		
Material Cost	.056214	.047746	.035827	.037610	.034416	.043190	.049460	.046858		
Equipment Hours	.006564	.004167	.005604	.007332	.004613	.004205	.003504	.004656		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.006453	.005321	.009827	.004860	.005723	.006229	.008318	.005874		
Material Cost	.057948	.070115	.107087	.094427	.090954	.077231	.080234	.073633		
Equipment Hours	.006284	.005125	.009562	.004628	.005346	.006025	.008241	.005794		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.008726	.009609	.010053	.005842	.005470	.004619	.004905	.005713		
Material Cost	.081109	.093631	.117497	.089967	.084099	.084519	.081270	.081857		
Equipment Hours	.008646	.009506	.009529	.005659	.005421	.004541	.004846	.005656		

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UM = Unit of Measure ID
TD = Trade ID

ORGANIZATIONAL VEH MAINT FAC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction										
Years	1									
Labor Hours	.000001	.000001	.000016	.000359	.000345	.000050	.000097	.000439		
Material Cost	.000005	.000009	.000059	.000139	.000286	.000103	.000123	.003756		
Equipment Hours	.000001	.000001	.000016	.000359	.000345	.000050	.000097	.000439		
Years	9									
Labor Hours	.000424	.000145	.000216	.000506	.000480	.000229	.000312	.000575		
Material Cost	.007768	.007864	.011285	.013119	.012801	.012359	.012433	.009265		
Equipment Hours	.000424	.000145	.000216	.000506	.000480	.000225	.000294	.000560		
Years	17									
Labor Hours	.000421	.000192	.000330	.000460	.000494	.000269	.000189	.000468		
Material Cost	.008488	.007855	.010827	.011801	.009054	.007634	.007533	.008767		
Equipment Hours	.000418	.000175	.000241	.000462	.000479	.000252	.000186	.000468		
Years	25									
Labor Hours	.000563	.000457	.000184	.000547	.000554	.000224	.000405	.000590		
Material Cost	.014599	.012790	.008732	.011625	.011569	.008319	.014821	.017706		
Equipment Hours	.000563	.000457	.000184	.000547	.000554	.000224	.000405	.000586		
Years	33									
Labor Hours	.000499	.000355	.000320	.000590	.000589	.000255	.000306	.000374		
Material Cost	.014552	.015445	.011282	.013814	.014038	.007156	.012000	.013134		
Equipment Hours	.000482	.000336	.000316	.000573	.000514	.000238	.000291	.000354		
Years	41									
Labor Hours	.000337	.000256	.000313	.000454	.000511	.000380	.000250	.000479		
Material Cost	.010613	.009529	.010694	.010543	.012642	.010482	.010583	.010457		
Equipment Hours	.000333	.000256	.000313	.000454	.000511	.000380	.000248	.000479		
Years	49									
Labor Hours	.000518	.000338	.000800	.000661	.000481	.000289	.000470	.000463		
Material Cost	.011276	.011464	.008603	.009288	.012493	.013816	.016256	.010931		
Equipment Hours	.000518	.000335	.000520	.000646	.000477	.000272	.000396	.000446		
Years	57									
Labor Hours	.000500	.000294	.000267	.000451	.000559	.000244	.000138	.000481		
Material Cost	.010870	.009872	.009894	.013354	.014887	.011478	.006040	.008598		
Equipment Hours	.000495	.000277	.000264	.000451	.000559	.000244	.000138	.000481		
Years	65									
Labor Hours	.000503	.000241	.000147	.000462	.000531	.000237	.000410	.000763		
Material Cost	.010495	.009456	.008995	.010796	.010736	.010013	.017394	.020981		
Equipment Hours	.000500	.000241	.000144	.000458	.000511	.000221	.000401	.000737		
Years	73									
Labor Hours	.000837	.000405	.000414	.000830	.000848	.000304	.000300	.000410		
Material Cost	.021677	.018761	.019839	.019740	.015699	.009666	.010397	.011698		
Equipment Hours	.000763	.000376	.000393	.000804	.000839	.000304	.000292	.000401		

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ORGANIZATIONAL VEH MAINT FAC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
060000 Interior Finishes								
Years								
Labor Hours	.002301	.005342	.005304	.005356	.005321	.005516	.005924	.005579
Material Cost	.015692	.037143	.036917	.037155	.036931	.038229	.041121	.038539
Equipment Hours	.002301	.005342	.005304	.005356	.005321	.005516	.005924	.005579
Years								
Labor Hours	.007521	.006098	.007182	.006853	.007650	.006421	.007252	.009628
Material Cost	.048870	.040056	.043431	.039849	.039226	.041580	.046055	.043174
Equipment Hours	.007521	.006098	.007182	.006853	.007650	.006421	.007252	.009628
Years								
Labor Hours	.009107	.007943	.008915	.008852	.008024	.006723	.007700	.007094
Material Cost	.055420	.052757	.090966	.054426	.048566	.050482	.051086	.062954
Equipment Hours	.009062	.007858	.008390	.006773	.007974	.006645	.007655	.006996
Years								
Labor Hours	.007737	.009702	.007140	.008814	.007469	.007563	.010929	.007585
Material Cost	.053836	.121710	.043253	.049103	.048347	.048240	.049186	.044090
Equipment Hours	.007721	.009368	.007136	.008793	.007434	.007531	.010915	.007545
Years								
Labor Hours	.008411	.006502	.006091	.005964	.007193	.006729	.006946	.006734
Material Cost	.060123	.042985	.045087	.050780	.083373	.057234	.045690	.046369
Equipment Hours	.008321	.006465	.006054	.005875	.006717	.006595	.006911	.006671
Years								
Labor Hours	.009450	.007606	.009097	.007030	.007085	.008915	.008629	.007688
Material Cost	.060775	.047596	.053855	.045785	.054143	.056163	.049868	.049547
Equipment Hours	.009361	.007492	.009062	.007003	.007017	.008852	.008606	.007654
Years								
Labor Hours	.009242	.006537	.012285	.009376	.009249	.007791	.018253	.007455
Material Cost	.078901	.048045	.107474	.081143	.055550	.036699	.117555	.056748
Equipment Hours	.009125	.006481	.011752	.008598	.009037	.007368	.016685	.007088
Years								
Labor Hours	.012421	.010641	.013160	.009959	.014905	.008914	.020757	.008601
Material Cost	.066252	.061104	.069025	.051061	.064551	.089084	.098590	.045513
Equipment Hours	.011424	.010172	.011398	.009279	.014324	.021453	.015788	.008202
Years								
Labor Hours	.017441	.007342	.007581	.011823	.008735	.008914	.011426	.009009
Material Cost	.073303	.061838	.081631	.080123	.064389	.070480	.105019	.062321
Equipment Hours	.016803	.006921	.007365	.009920	.007733	.008412	.009178	.008306
Years								
Labor Hours	.012061	.008204	.009274	.035238	.008701	.016765	.008931	.009216
Material Cost	.118395	.075652	.070806	.173359	.05498	.082019	.051536	.051814
Equipment Hours	.010469	.007515	.008271	.022805	.007981	.012323	.008292	.008038

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ORGANIZATIONAL VEH MAINT FAC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000146	.000735	.001502	.002660	.002863	.001903	.001887	.003051
Material Cost	.000088	.000632	.001654	.003927	.003568	.002592	.004008	.004499
Equipment Hours	.000146	.000735	.001424	.002213	.002469	.001827	.001769	.002740
Years								
Labor Hours	.003281	.002105	.002055	.003000	.003649	.002413	.002961	.003423
Material Cost	.026750	.021045	.038240	.046505	.021850	.029035	.019354	.047280
Equipment Hours	.002766	.001969	.001971	.002516	.003004	.002320	.002825	.002963
Years								
Labor Hours	.003063	.002203	.002437	.003564	.005325	.002431	.002533	.003562
Material Cost	.028106	.020505	.050455	.057360	.084283	.081964	.040379	.051995
Equipment Hours	.002597	.002092	.002248	.003172	.004683	.002120	.002378	.002857
Years								
Labor Hours	.004811	.002730	.003334	.003004	.003540	.004542	.002789	.002639
Material Cost	.046130	.080994	.067385	.080119	.080842	.080043	.083675	.056017
Equipment Hours	.003965	.002293	.002716	.002703	.002990	.003354	.002473	.002459
Years								
Labor Hours	.003533	.003438	.002886	.002526	.003337	.003073	.002272	.002973
Material Cost	.026164	.037634	.028308	.025020	.024514	.024121	.036273	.037567
Equipment Hours	.003034	.002746	.002550	.002276	.002642	.002491	.001938	.002426
Years								
Labor Hours	.006754	.003393	.002637	.002799	.004446	.003362	.002679	.002927
Material Cost	.073128	.062260	.032540	.033602	.054107	.075710	.093436	.040556
Equipment Hours	.004830	.002535	.002328	.002600	.003770	.002735	.002417	.002661
Years								
Labor Hours	.003903	.004204	.002944	.003492	.003312	.004673	.006587	.002913
Material Cost	.092969	.072882	.096888	.045450	.072754	.044239	.049468	.046614
Equipment Hours	.003121	.003075	.002416	.002817	.002953	.003475	.004629	.002793
Years								
Labor Hours	.006284	.003590	.003694	.010689	.004678	.003645	.003558	.003647
Material Cost	.042584	.029995	.049725	.053358	.075375	.061545	.031335	.044058
Equipment Hours	.004184	.002854	.002890	.006707	.004197	.002810	.002850	.002928
Years								
Labor Hours	.005286	.003715	.005514	.003294	.003396	.007142	.003507	.003155
Material Cost	.034174	.020669	.028736	.015796	.033753	.064063	.075610	.106865
Equipment Hours	.004159	.002849	.003981	.003010	.002809	.004397	.002490	.002537
Years								
Labor Hours	.003495	.004795	.005545	.017326	.003212	.002704	.004113	.010463
Material Cost	.051243	.048142	.048332	.140733	.062104	.084603	.095332	.080785
Equipment Hours	.002970	.003520	.004079	.009893	.002581	.002296	.002998	.006290

ORGANIZATIONAL VEH MAINT FAC

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
0900000	HVAC								
Years									
Labor Hours	.001619	.006194	.005307	.007188	.008204	.006671	.006843	.007630	
Material Cost	.001486	.004801	.004333	.013674	.022729	.012398	.024472	.028835	
Equipment Hours	.001619	.005791	.005882	.006714	.007744	.006244	.006396	.007119	
Years									
Labor Hours	.008519	.006779	.007076	.008322	.009752	.007229	.008149	.008126	
Material Cost	.029810	.035652	.039143	.073490	.123795	.038888	.140608	.063216	
Equipment Hours	.008024	.006312	.006434	.007385	.008512	.006659	.006707	.007366	
Years									
Labor Hours	.009154	.007141	.008923	.008064	.008814	.007375	.007363	.008738	
Material Cost	.101554	.064192	.194285	.090544	.097686	.093336	.089520	.161668	
Equipment Hours	.008231	.006454	.006846	.007292	.008175	.006460	.006496	.007360	
Years									
Labor Hours	.009291	.009650	.007486	.008430	.011554	.008503	.008390	.009439	
Material Cost	.133574	.247689	.090839	.090712	.246862	.183259	.144185	.168611	
Equipment Hours	.008413	.007265	.006683	.007409	.009116	.006828	.006822	.007631	
Years									
Labor Hours	.009069	.007357	.007380	.008619	.009141	.009335	.007203	.008408	
Material Cost	.081031	.077171	.098309	.136879	.105625	.244469	.082926	.140101	
Equipment Hours	.008383	.006446	.006449	.007367	.008184	.006995	.006325	.007248	
Years									
Labor Hours	.009069	.008170	.007393	.009529	.008899	.007132	.007039	.008115	
Material Cost	.081031	.122277	.070828	.175604	.090555	.040802	.034817	.049867	
Equipment Hours	.008383	.006845	.006629	.007820	.008199	.006470	.006445	.007386	
Years									
Labor Hours	.009190	.008123	.007958	.007799	.008948	.008464	.007622	.010148	
Material Cost	.094338	.118643	.124320	.083123	.089255	.170450	.087680	.243794	
Equipment Hours	.008354	.006886	.006629	.007097	.008139	.006891	.006660	.007777	
Years									
Labor Hours	.011973	.008001	.008610	.008179	.009308	.008974	.008528	.008589	
Material Cost	.258754	.130655	.210299	.101169	.114470	.190467	.116883	.120308	
Equipment Hours	.009277	.006714	.006813	.007119	.008289	.007045	.007101	.007471	
Years									
Labor Hours	.010389	.007627	.007825	.009886	.010291	.007351	.007340	.008543	
Material Cost	.122034	.111118	.113950	.160442	.168827	.052904	.070903	.102199	
Equipment Hours	.008920	.006675	.006659	.007932	.008739	.006559	.006473	.007392	
Years									
Labor Hours	.009375	.009003	.006818	.008276	.008772	.007067	.008785	.008845	
Material Cost	.079632	.199817	.035463	.090171	.073662	.057806	.160525	.148305	
Equipment Hours	.008367	.006877	.006212	.007352	.008120	.006438	.007029	.007432	

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ORGANIZATIONAL VEH MAINT FAC

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
1100000	Interior Electrical								
Years									
Labor Hours	.000332	.001292	.001651	.001642	.001788	.002525	.002592	.002592	.002373
Material Cost	.000003	.000050	.001325	.006127	.006276	.035981	.052999	.052999	.039028
Equipment Hours	.000332	.001292	.001651	.001642	.001788	.002510	.002565	.002565	.002357
Years									
Labor Hours	.002910	.002600	.003345	.003125	.003294	.003119	.003470	.003125	.003125
Material Cost	.040536	.040512	.077223	.070331	.070845	.072726	.074432	.060221	.060221
Equipment Hours	.002895	.002584	.003325	.003105	.003271	.003094	.003443	.003105	.003105
Years									
Labor Hours	.003261	.003096	.003133	.002855	.003028	.002771	.002935	.002954	.002954
Material Cost	.065594	.061156	.066355	.055247	.055383	.073863	.044040	.043080	.043080
Equipment Hours	.003239	.003064	.003109	.002835	.003015	.002737	.002912	.002945	.002945
Years									
Labor Hours	.003074	.003291	.003991	.003872	.003593	.003622	.005764	.003942	.003942
Material Cost	.049254	.089457	.132282	.135308	.107083	.111064	.323691	.167921	.167921
Equipment Hours	.003052	.003219	.003879	.003663	.003535	.003526	.004815	.003813	.003813
Years									
Labor Hours	.003363	.003828	.003745	.003762	.003779	.003531	.003863	.003805	.003805
Material Cost	.161250	.150923	.135818	.098432	.112009	.096472	.086274	.094865	.094865
Equipment Hours	.004153	.003726	.003667	.003736	.003731	.003502	.003835	.003772	.003772
Years									
Labor Hours	.003321	.003032	.003100	.002804	.003220	.003072	.003131	.003145	.003145
Material Cost	.054632	.051851	.040194	.057324	.046907	.072675	.077820	.075878	.075878
Equipment Hours	.003290	.003013	.003085	.002771	.003205	.003032	.003099	.003104	.003104
Years									
Labor Hours	.003184	.002951	.004406	.003542	.003799	.003614	.003795	.003887	.003887
Material Cost	.099121	.075864	.128872	.134924	.113174	.111804	.114455	.111177	.111177
Equipment Hours	.003140	.002921	.004358	.003490	.003755	.003583	.003738	.003816	.003816
Years									
Labor Hours	.004367	.004395	.004290	.004237	.005141	.002994	.003804	.003150	.003150
Material Cost	.155613	.149110	.120889	.120171	.269049	.088312	.118071	.090608	.090608
Equipment Hours	.004251	.004190	.004235	.004128	.004205	.002924	.003558	.003063	.003063
Years									
Labor Hours	.003094	.003293	.003362	.003159	.003626	.003213	.003954	.003614	.003614
Material Cost	.073092	.083912	.097267	.084692	.080896	.075075	.108241	.115613	.115613
Equipment Hours	.003021	.003261	.003310	.003124	.003582	.003180	.003907	.003576	.003576
Years									
Labor Hours	.003790	.003498	.003699	.003659	.003788	.003765	.003848	.003534	.003534
Material Cost	.102012	.114544	.101115	.090462	.099471	.091777	.108754	.086247	.086247
Equipment Hours	.003755	.003436	.003665	.003620	.003760	.003725	.003807	.003510	.003510

ORGANIZATIONAL VEH MAINT FAC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
120000 Special Inter. Electr. System	UM TD	2	2	2	2	2	2	2
Years	1	2	3	4	5	6	7	8
Labor Hours	.000389	.000565	.000540	.000571	.000543	.000636	.000600	.000638
Material Cost	.000000	.000000	.000150	.000715	.000950	.000983	.001212	.001032
Equipment Hours	.000389	.000565	.000540	.000571	.000543	.000636	.000600	.000638
Years	9	10	11	12	13	14	15	16
Labor Hours	.000616	.000652	.000679	.000659	.000683	.000667	.000681	.000632
Material Cost	.002230	.002786	.003584	.004938	.006185	.007274	.004392	.006908
Equipment Hours	.000616	.000652	.000679	.000659	.000683	.000667	.000681	.000632
Years	17	18	19	20	21	22	23	24
Labor Hours	.001059	.000626	.000656	.000629	.000633	.000608	.000635	.000609
Material Cost	.253396	.005595	.004497	.005733	.001720	.004627	.003714	.004023
Equipment Hours	.000852	.000626	.000656	.000629	.000633	.000608	.000635	.000609
Years	25	26	27	28	29	30	31	32
Labor Hours	.000642	.000654	.001099	.000659	.000695	.000650	.000678	.000635
Material Cost	.003494	.003915	.254832	.005783	.007243	.004287	.007383	.003603
Equipment Hours	.000642	.000654	.000891	.000659	.000695	.000650	.000678	.000635
Years	33	34	35	36	37	38	39	40
Labor Hours	.000677	.000648	.000670	.001069	.000679	.000656	.000685	.000665
Material Cost	.006138	.004554	.005409	.231708	.004758	.004251	.004119	.003505
Equipment Hours	.000677	.000648	.000670	.000861	.000679	.000656	.000685	.000665
Years	41	42	43	44	45	46	47	48
Labor Hours	.000659	.001049	.000653	.000639	.000651	.001044	.000639	.000626
Material Cost	.003481	.254828	.005653	.007672	.004386	.256729	.003545	.005650
Equipment Hours	.000659	.000841	.000653	.000639	.000651	.000837	.000639	.000626
Years	49	50	51	52	53	54	55	56
Labor Hours	.000660	.000628	.000683	.001068	.000778	.000657	.000689	.000674
Material Cost	.004914	.005257	.002239	.254608	.005810	.004127	.003570	.004044
Equipment Hours	.000660	.000628	.000683	.000861	.000729	.000657	.000689	.000674
Years	57	58	59	60	61	62	63	64
Labor Hours	.000704	.000670	.000716	.000669	.001052	.000591	.000626	.000602
Material Cost	.004967	.005733	.007333	.004351	.256734	.003966	.005566	.004566
Equipment Hours	.000704	.000670	.000716	.000669	.000845	.000591	.000626	.000602
Years	65	66	67	68	69	70	71	72
Labor Hours	.000628	.000630	.001073	.000641	.000669	.000650	.001112	.000678
Material Cost	.005342	.001681	.255041	.003831	.004483	.003416	.253448	.005003
Equipment Hours	.000628	.000630	.000865	.000641	.000669	.000650	.000904	.000678
Years	73	74	75	76	77	78	79	80
Labor Hours	.000697	.000687	.000696	.000651	.001076	.000645	.000680	.000643
Material Cost	.005780	.007777	.004433	.006968	.253457	.005643	.004560	.005786
Equipment Hours	.000697	.000687	.000696	.000651	.000848	.000645	.000680	.000643

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DS/GS VEHICLE MAINTENANCE SHOP

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0000000 Total Summary		UM TD						
		2	1					
Years	1	2	3	4	5	6	7	8
Labor Hours	.006975	.016062	.018112	.019849	.021296	.020776	.020809	.025830
Material Cost	.032702	.042155	.070350	.077078	.091374	.222399	.226942	.244571
Equipment Hours	.005844	.014344	.015842	.017437	.018963	.018442	.018757	.023369
Years	9	10	11	12	13	14	15	16
Labor Hours	.026903	.023065	.024406	.025116	.031153	.025892	.032641	.031036
Material Cost	.282207	.269829	.394081	.379058	.466782	.428325	.557537	.345490
Equipment Hours	.023914	.020714	.022215	.022006	.027010	.022072	.027766	.028203
Years	17	18	19	20	21	22	23	24
Labor Hours	.030469	.031576	.032081	.028854	.031142	.026634	.028175	.028390
Material Cost	.346895	.882727	.409710	.559571	.362307	.384603	.310005	.388899
Equipment Hours	.027000	.024461	.027366	.024409	.027860	.024315	.025424	.024780
Years	25	26	27	28	29	30	31	32
Labor Hours	.035438	.112233	.087934	.038727	.117820	.056988	.139860	.029691
Material Cost	.928391	2.840926	.829122	.645689	1.313518	.715449	3.096828	.617069
Equipment Hours	.028076	.044212	.054495	.031929	.069225	.039189	.060154	.026151
Years	33	34	35	36	37	38	39	40
Labor Hours	.030572	.027639	.027843	.023910	.038191	.032511	.028587	.029562
Material Cost	.653668	.512321	.599792	.449349	.484643	.477947	.509415	.759564
Equipment Hours	.026397	.024075	.024058	.020641	.029034	.028045	.024442	.024595
Years	41	42	43	44	45	46	47	48
Labor Hours	.036084	.025357	.028004	.025779	.034219	.033021	.029718	.030528
Material Cost	.429093	.365875	.327105	.346004	.338207	.924147	.471366	.462727
Equipment Hours	.030605	.021921	.025021	.022856	.031071	.026477	.026863	.026769
Years	49	50	51	52	53	54	55	56
Labor Hours	.032657	.027627	.033531	.035267	.039139	.136641	.089965	.029624
Material Cost	.494704	.429165	.659099	.565730	1.128057	3.001925	.859375	.541329
Equipment Hours	.028700	.024182	.028554	.030075	.029981	.066560	.056184	.024466
Years	57	58	59	60	61	62	63	64
Labor Hours	.120539	.058394	.154219	.063384	.046080	.028945	.041074	.025111
Material Cost	1.407318	.726005	2.993843	.726206	.628916	.286761	.467706	.401515
Equipment Hours	.071251	.040443	.065294	.035581	.042182	.025375	.030183	.021828
Years	65	66	67	68	69	70	71	72
Labor Hours	.030700	.028142	.059284	.027074	.029301	.027499	.033953	.038570
Material Cost	.427754	.460947	.636705	.494338	.517395	.479526	.678616	.717152
Equipment Hours	.026459	.022961	.053260	.023374	.026276	.023810	.029046	.030786
Years	73	74	75	76	77	78	79	80
Labor Hours	.036377	.038944	.043753	.064456	.032951	.034449	.042738	.041367
Material Cost	.662773	1.050612	.64925	.750912	.524393	.669432	.902204	.593374
Equipment Hours	.031310	.031426	.035133	.043406	.028806	.028064	.031734	.031290

DS/GS VEHICLE MAINTENANCE SHOP

Resources Per Square Foot

Task Description	UM ID	1	2	3	4	5	6	7	8
0300000 Roofing	2 17								
Years		1	2	3	4	5	6	7	8
Labor Hours		.002262	.002984	.004001	.003319	.003214	.003849	.003249	.003136
Material Cost		.014198	.021533	.025721	.022351	.024625	.022597	.020909	.020909
Equipment Hours		.001131	.001492	.002000	.001660	.001608	.001924	.001625	.001568
Years		9	10	11	12	13	14	15	16
Labor Hours		.004004	.003616	.003242	.004215	.005855	.006285	.006784	.003196
Material Cost		.021474	.025705	.021205	.034848	.100125	.097353	.093711	.022143
Equipment Hours		.002002	.001809	.001621	.002108	.002928	.003143	.003393	.001598
Years		17	18	19	20	21	22	23	24
Labor Hours		.004426	.006810	.006896	.006597	.004490	.003231	.003977	.003395
Material Cost		.026725	.055108	.041277	.053428	.038040	.020909	.024412	.028454
Equipment Hours		.002214	.003405	.003448	.003299	.002245	.001615	.001989	.001698
Years		25	26	27	28	29	30	31	32
Labor Hours		.005205	.010777	.065127	.010777	.089353	.030253	.034184	.003837
Material Cost		.036730	.101786	.401942	.103054	.500460	.169635	.191458	.024921
Equipment Hours		.002603	.005389	.032564	.005389	.044676	.015127	.017092	.001919
Years		33	34	35	36	37	38	39	40
Labor Hours		.003675	.004358	.004776	.004610	.003646	.006210	.006737	.007407
Material Cost		.024239	.029590	.039344	.046040	.024108	.070687	.104489	.115262
Equipment Hours		.001838	.002179	.002388	.002305	.001823	.003106	.003369	.003704
Years		41	42	43	44	45	46	47	48
Labor Hours		.006917	.003270	.004075	.003689	.003673	.004976	.004100	.005350
Material Cost		.103453	.024434	.026328	.025972	.024330	.030261	.028781	.041231
Equipment Hours		.003459	.001635	.002038	.001845	.001836	.002489	.002050	.002676
Years		49	50	51	52	53	54	55	56
Labor Hours		.004916	.003156	.004729	.008598	.009195	.010042	.060811	.008145
Material Cost		.029438	.022100	.036054	.090375	.096865	.099801	.343038	.061538
Equipment Hours		.002458	.001578	.002365	.004299	.004598	.005021	.030405	.004073
Years		57	58	59	60	61	62	63	64
Labor Hours		.090565	.031352	.035205	.003451	.003615	.004503	.003292	.003754
Material Cost		.514524	.185153	.201474	.022100	.023517	.031433	.022100	.036409
Equipment Hours		.045282	.015676	.017602	.001725	.001808	.002252	.001646	.001877
Years		65	66	67	68	69	70	71	72
Labor Hours		.006151	.006326	.006109	.004190	.003343	.003553	.004201	.004442
Material Cost		.087715	.097428	.088572	.035477	.020909	.022111	.027421	.040718
Equipment Hours		.002076	.003163	.003055	.002095	.001671	.001777	.002101	.002221
Years		73	74	75	76	77	78	79	80
Labor Hours		.005289	.004370	.007309	.006010	.006404	.009534	.009294	.008666
Material Cost		.045625	.032645	.068012	.048963	.061896	.107734	.096003	.092614
Equipment Hours		.002645	.002186	.003655	.003005	.003202	.004767	.004647	.004333

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DS/GS VEHICLE MAINTENANCE SHOP

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1									
Labor Hours	.000101	.000150	.000297	.001166	.001219	.001193	.001374	.001374	.001374	.005048
Material Cost	.000583	.000875	.001326	.004604	.008533	.017619	.019170	.019170	.019170	.029076
Equipment Hours	.000101	.000150	.000297	.001166	.001219	.001193	.001374	.001374	.001374	.005048
Years	9									
Labor Hours	.001966	.002143	.002000	.000798	.001282	.001795	.003628	.003628	.003628	.006452
Material Cost	.023240	.031717	.036201	.024589	.030933	.029884	.030883	.030883	.030883	.034742
Equipment Hours	.001966	.002143	.002000	.000798	.001282	.001795	.003628	.003628	.003628	.006452
Years	17									
Labor Hours	.001748	.002439	.003518	.002228	.002774	.004409	.006166	.006166	.006166	.003894
Material Cost	.024863	.026584	.021781	.014849	.030415	.037815	.038893	.038893	.038893	.037545
Equipment Hours	.001623	.002321	.003518	.002228	.002774	.004409	.006166	.006166	.006166	.003894
Years	25									
Labor Hours	.002223	.003863	.001742	.002158	.002038	.002674	.004673	.004673	.004673	.001752
Material Cost	.029251	.029140	.019294	.022199	.030332	.038713	.040033	.040033	.040033	.034692
Equipment Hours	.002223	.003863	.001742	.002158	.002038	.002674	.004673	.004673	.004673	.001752
Years	33									
Labor Hours	.002506	.003431	.002261	.001109	.002257	.007276	.001980	.001980	.001980	.002442
Material Cost	.035114	.030375	.027923	.033533	.035652	.044780	.035457	.035457	.035457	.033962
Equipment Hours	.002341	.003376	.002222	.001038	.002210	.007245	.001980	.001980	.001980	.002442
Years	41									
Labor Hours	.002813	.001419	.001569	.002919	.007819	.002905	.002944	.002944	.002944	.005300
Material Cost	.031433	.023030	.029126	.041587	.049609	.041287	.035457	.035457	.035457	.030453
Equipment Hours	.002813	.001419	.001569	.002919	.007819	.002905	.002944	.002944	.002944	.005300
Years	49									
Labor Hours	.002013	.002740	.002325	.006108	.003141	.002239	.002333	.002333	.002333	.001968
Material Cost	.018333	.023743	.030943	.037664	.034137	.035996	.039166	.039166	.039166	.037195
Equipment Hours	.002013	.002740	.002325	.006108	.003141	.002239	.002333	.002333	.002333	.001968
Years	57									
Labor Hours	.003818	.001520	.002930	.006218	.001804	.002355	.001472	.001472	.001472	.001557
Material Cost	.053774	.024479	.027040	.034211	.024735	.025157	.035645	.035645	.035645	.020818
Equipment Hours	.003470	.001441	.002804	.006093	.001679	.002196	.001300	.001300	.001300	.001486
Years	65									
Labor Hours	.002027	.002126	.007401	.002791	.004480	.003471	.005759	.005759	.005759	.003910
Material Cost	.028745	.042857	.103346	.097456	.099082	.095509	.095625	.095625	.095625	.081454
Equipment Hours	.001968	.002079	.007332	.002731	.004394	.003414	.005744	.005744	.005744	.003890
Years	73									
Labor Hours	.005131	.007064	.005358	.002999	.003704	.003149	.002130	.002130	.002130	.002911
Material Cost	.074480	.089434	.095509	.087274	.087166	.084159	.067068	.067068	.067068	.073455
Equipment Hours	.005037	.006924	.005212	.002748	.003559	.003009	.002110	.002110	.002110	.002896

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DS/GS VEHICLE MAINTENANCE SHOP

Resources Per Square Foot

Task Description	UM	ID	2	1	3	4	5	6	7	8
0500000 Interior Construction										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000002	.000004	.000004	.000239	.000237	.000004	.000017	.000258		
Material Cost	.000018	.000036	.000036	.001189	.001742	.000036	.000933	.001299		
Equipment Hours	.000002	.000004	.000004	.000239	.000237	.000004	.000017	.000258		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.000281	.000089	.000123	.000369	.000380	.000140	.000140	.000339		
Material Cost	.005282	.004468	.008238	.010841	.009864	.009719	.008061	.006370		
Equipment Hours	.000281	.000089	.000123	.000369	.000380	.000140	.000140	.000339		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.000333	.000081	.000628	.000319	.000337	.000072	.000110	.000280		
Material Cost	.006115	.005270	.016369	.007677	.006203	.003428	.004802	.004719		
Equipment Hours	.000333	.000081	.000361	.000319	.000337	.000072	.000110	.000280		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.000398	.000205	.000078	.000434	.000316	.000140	.000242	.000448		
Material Cost	.010253	.010367	.004986	.004986	.005893	.005625	.012090	.013126		
Equipment Hours	.000398	.000205	.000078	.000434	.000316	.000140	.000242	.000448		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.000371	.000202	.000194	.000356	.002423	.000096	.000174	.000251		
Material Cost	.010864	.011243	.008870	.007956	.021776	.003245	.008307	.008538		
Equipment Hours	.000371	.000202	.000194	.000356	.001391	.000096	.000174	.000251		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.000253	.000169	.000204	.000346	.000395	.000270	.000196	.000362		
Material Cost	.008605	.008483	.007249	.008032	.010360	.008773	.008147	.006962		
Equipment Hours	.000253	.000169	.000204	.000346	.000395	.000270	.000196	.000362		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.000343	.000201	.000416	.000276	.000374	.000157	.000747	.000328		
Material Cost	.007945	.007228	.004694	.005006	.009339	.010512	.020485	.007870		
Equipment Hours	.000343	.000201	.000265	.000276	.000374	.000157	.000479	.000328		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.000301	.000085	.001624	.000366	.000363	.000113	.000093	.000352		
Material Cost	.005845	.004421	.007577	.010828	.010831	.008236	.004223	.006031		
Equipment Hours	.000301	.000085	.000860	.000366	.000363	.000113	.000093	.000352		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.000294	.000060	.000110	.000343	.000318	.000077	.000354	.000495		
Material Cost	.005893	.003626	.005010	.007716	.007456	.004974	.015135	.015301		
Equipment Hours	.000294	.000060	.000110	.000343	.000318	.000077	.000344	.000484		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.001100	.000278	.000352	.000571	.000440	.000262	.000175	.000237		
Material Cost	.026613	.015332	.015579	.016106	.011638	.006955	.007013	.007171		
Equipment Hours	.000833	.000268	.000342	.000561	.000430	.000262	.000165	.000226		

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DS/GS VEHICLE MAINTENANCE SHOP

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001515	.003293	.003293	.003505	.003518	.003323	.004010	.003552
Material Cost	.015538	.031260	.031260	.031439	.031477	.031451	.034750	.031679
Equipment Hours	.001515	.003293	.003293	.003505	.003518	.003323	.004010	.003552
Years	9	10	11	12	13	14	15	16
Labor Hours	.005888	.004600	.005464	.005222	.007777	.004221	.005606	.004603
Material Cost	.042995	.033855	.037732	.033712	.033730	.033441	.035596	.036124
Equipment Hours	.005845	.004600	.005464	.005222	.007777	.004208	.005606	.004370
Years	17	18	19	20	21	22	23	24
Labor Hours	.008455	.005125	.007150	.005285	.005348	.005806	.004682	.005601
Material Cost	.042858	.052665	.071352	.039689	.038297	.051275	.037079	.080935
Equipment Hours	.008413	.005035	.006724	.005285	.005315	.005738	.004669	.005359
Years	25	26	27	28	29	30	31	32
Labor Hours	.005727	.005749	.006349	.009650	.006322	.006780	.008127	.008113
Material Cost	.042549	.054605	.042207	.036713	.035994	.037283	.054545	.036760
Equipment Hours	.005685	.005666	.006349	.009650	.006322	.006770	.008060	.008100
Years	33	34	35	36	37	38	39	40
Labor Hours	.005884	.004524	.004377	.003416	.013574	.003835	.005417	.004821
Material Cost	.041208	.035106	.050536	.035231	.076928	.036267	.040358	.049249
Equipment Hours	.005841	.004491	.004310	.003393	.008614	.003780	.005385	.004755
Years	41	42	43	44	45	46	47	48
Labor Hours	.006566	.005751	.008603	.005032	.005162	.006431	.009018	.005081
Material Cost	.047165	.081683	.055105	.053799	.032411	.034343	.053646	.050378
Equipment Hours	.006476	.005549	.008527	.004965	.005162	.006431	.008951	.005004
Years	49	50	51	52	53	54	55	56
Labor Hours	.009077	.005651	.009727	.005754	.005640	.00824	.008697	.003827
Material Cost	.093507	.036125	.070159	.038163	.034938	.120016	.081424	.051486
Equipment Hours	.008833	.005637	.008816	.005721	.005640	.029076	.006927	.003706
Years	57	58	59	60	61	62	63	64
Labor Hours	.005624	.007983	.022653	.032471	.020803	.007755	.019835	.004577
Material Cost	.044220	.034248	.091858	.134930	.080906	.035051	.104416	.032749
Equipment Hours	.005549	.007983	.014244	.030670	.020574	.007755	.012692	.004577
Years	65	66	67	68	69	70	71	72
Labor Hours	.005250	.005231	.029623	.004334	.005296	.004734	.008533	.014989
Material Cost	.057071	.042170	.159235	.058720	.050210	.038356	.123517	.080110
Equipment Hours	.005140	.004316	.028588	.004233	.005229	.004689	.006920	.010568
Years	73	74	75	76	77	78	79	80
Labor Hours	.007927	.007367	.014034	.004013	.006909	.005835	.014711	.009353
Material Cost	.093910	.055523	.076235	.186595	.036276	.034547	.065715	.054429
Equipment Hours	.007415	.006790	.010363	.020039	.006896	.005835	.010369	.007485

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Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0800000 Plumbing										
Years	1									
Labor Hours	.00108	.000731	.001271	.002402	.002756	.001682	.001432	.001432	.001432	.002915
Material Cost	.00063	.000671	.001869	.005643	.005116	.003062	.004781	.003062	.004781	.010997
Equipment Hours	.000108	.000731	.001242	.001888	.002274	.001653	.001378	.001653	.001378	.002456
Years	9									
Labor Hours	.002922	.001856	.001820	.002925	.002856	.001763	.003429	.001763	.003429	.003146
Material Cost	.002702	.019671	.038993	.025196	.038838	.010893	.025141	.010893	.025141	.035181
Equipment Hours	.002367	.001790	.001770	.002392	.002254	.001732	.003371	.001732	.003371	.002603
Years	17									
Labor Hours	.002870	.001793	.002001	.002639	.005979	.002070	.001877	.002070	.001877	.003433
Material Cost	.006624	.044394	.034536	.069189	.087103	.120610	.042488	.120610	.042488	.042379
Equipment Hours	.002356	.001700	.001908	.002191	.005417	.001939	.001749	.001939	.001749	.002697
Years	25									
Labor Hours	.005093	.002418	.001805	.002476	.003319	.004416	.002173	.004416	.002173	.002315
Material Cost	.061089	.088323	.027695	.141566	.081242	.066119	.086683	.066119	.086683	.031133
Equipment Hours	.004302	.002015	.001668	.002130	.002727	.003136	.001991	.003136	.001991	.002176
Years	33									
Labor Hours	.003166	.002547	.003352	.001820	.003012	.002749	.001861	.002749	.001861	.001748
Material Cost	.051272	.018276	.033893	.019975	.026696	.028076	.035867	.028076	.035867	.032024
Equipment Hours	.002490	.002019	.003098	.001610	.002327	.002143	.001733	.002143	.001733	.001514
Years	41									
Labor Hours	.007107	.002867	.001941	.002416	.004643	.002918	.001731	.002918	.001731	.002425
Material Cost	.078187	.039786	.053775	.025506	.063445	.061989	.100872	.061989	.100872	.077608
Equipment Hours	.005655	.002207	.001680	.002227	.004086	.002371	.001655	.002371	.001655	.002136
Years	49									
Labor Hours	.003481	.004240	.002549	.002299	.003349	.003874	.004641	.003874	.004641	.002286
Material Cost	.055245	.086067	.099389	.039584	.103806	.057145	.040840	.057145	.040840	.052833
Equipment Hours	.002779	.002976	.002111	.002140	.002567	.002793	.003972	.002793	.003972	.002174
Years	57									
Labor Hours	.002249	.003900	.002812	.007034	.005063	.002648	.003951	.002648	.003951	.002621
Material Cost	.018389	.048634	.032856	.045348	.071533	.033250	.054723	.033250	.054723	.029091
Equipment Hours	.002060	.002752	.002356	.004411	.004882	.002179	.002742	.002179	.002742	.002317
Years	65									
Labor Hours	.004204	.002695	.004255	.003549	.002193	.003894	.002324	.003894	.002324	.002268
Material Cost	.038910	.017861	.025687	.020821	.034579	.066839	.073318	.066839	.073318	.122942
Equipment Hours	.003885	.002224	.002995	.002745	.002009	.002604	.001770	.002604	.001770	.002017
Years	73									
Labor Hours	.003681	.004043	.004374	.007996	.002240	.003208	.002787	.003208	.002787	.007540
Material Cost	.080875	.041481	.073606	.120121	.041668	.148710	.078729	.148710	.078729	.067884
Equipment Hours	.002716	.002864	.003835	.004941	.001983	.002349	.002257	.002349	.002257	.004458

DS/GS VEHICLE MAINTENANCE SHOP

Resources Per Square Foot

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UM = Unit of Measure ID
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DS/GS VEHICLE MAINTENANCE SHOP

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	UM TD	2 2						
Years								
Labor Hours	.000271	.000432	.000421	.000452	.000426	.000478	.000457	.000472
Material Cost	.000133	.000876	.000895	.001907	.001364	.002114	.001508	.001818
Equipment Hours	.000271	.000432	.000421	.000452	.000426	.000478	.000457	.000472
Years								
Labor Hours	.000474	.000499	.000503	.000494	.000507	.000513	.000501	.000505
Material Cost	.003655	.004033	.004379	.003961	.005203	.007339	.004555	.010127
Equipment Hours	.000474	.000499	.000503	.000494	.000507	.000513	.000501	.000505
Years								
Labor Hours	.000490	.000465	.000519	.000462	.000476	.000466	.000471	.000447
Material Cost	.004230	.003179	.006034	.003355	.002261	.004903	.002432	.003931
Equipment Hours	.000490	.000465	.000519	.000462	.000476	.000466	.000471	.000467
Years								
Labor Hours	.000502	.000485	.000512	.000488	.000530	.000484	.000534	.000487
Material Cost	.004415	.004257	.004083	.005076	.007523	.004432	.010169	.004263
Equipment Hours	.000502	.000485	.000512	.000488	.000530	.000484	.000534	.000487
Years								
Labor Hours	.000491	.000523	.000498	.000488	.000516	.000484	.000515	.000499
Material Cost	.003219	.006572	.003576	.002418	.005210	.002375	.004130	.004095
Equipment Hours	.000491	.000523	.000498	.000488	.000516	.000484	.000515	.000499
Years								
Labor Hours	.000484	.000486	.000487	.000485	.000487	.000502	.000494	.000461
Material Cost	.004283	.004165	.005284	.006741	.004654	.010009	.004348	.003055
Equipment Hours	.000484	.000486	.000487	.000485	.000487	.000502	.000494	.000461
Years								
Labor Hours	.000531	.000468	.000507	.000486	.000502	.000507	.000527	.000497
Material Cost	.006721	.003480	.002433	.004736	.002387	.004565	.004352	.004402
Equipment Hours	.000531	.000468	.000507	.000486	.000502	.000507	.000527	.000497
Years								
Labor Hours	.000535	.000501	.000530	.000487	.000503	.000468	.000460	.000483
Material Cost	.004471	.005227	.004872	.004334	.009998	.004430	.003264	.005938
Equipment Hours	.000535	.000501	.000530	.000487	.000503	.000468	.000460	.000483
Years								
Labor Hours	.000473	.000476	.000492	.000471	.000515	.000496	.000515	.000506
Material Cost	.003636	.002272	.004821	.002224	.004779	.004192	.004415	.003997
Equipment Hours	.000473	.000476	.000492	.000471	.000515	.000496	.000515	.000506
Years								
Labor Hours	.000518	.000525	.000512	.000514	.000517	.000473	.000531	.000471
Material Cost	.005239	.007374	.004591	.010154	.004737	.003206	.006070	.003382
Equipment Hours	.000518	.000525	.000512	.000514	.000517	.000473	.000531	.000471

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SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	UM	TD								
0000000 Total Summary	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.012615	.026900	.028705	.032429	.034869	.034299	.031732	.033369		
Material Cost	.056502	.148005	.147334	.170104	.200428	.246765	.234272	.250125		
Equipment Hours	.009299	.022754	.033856	.028012	.030415	.029394	.027459	.028949		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.044723	.074404	.038230	.034849	.041342	.037212	.045228	.043248		
Material Cost	.341081	.772899	.369211	.364398	.390448	.400894	.377111	.389282		
Equipment Hours	.039193	.055715	.033791	.029973	.035904	.031742	.036862	.038376		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.042365	.038797	.093828	.039820	.045981	.035597	.037460	.039610		
Material Cost	.400861	.378949	1.028710	.391434	.502481	.407940	.406928	.359561		
Equipment Hours	.037098	.032295	.071452	.033424	.039998	.030267	.032429	.034509		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.048506	.047367	.074617	.046320	.121208	.071634	.053448	.045073		
Material Cost	.527332	1.064211	.782703	.525786	1.235035	.711567	1.167908	.528511		
Equipment Hours	.042231	.038443	.049777	.037705	.082760	.047860	.044570	.036923		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.058282	.036878	.035038	.039206	.072628	.061288	.039476	.039275		
Material Cost	.619883	.443956	.478766	.489679	1.030335	.516836	.491456	.504767		
Equipment Hours	.046410	.031476	.029525	.032836	.051507	.053911	.033469	.032054		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.057897	.042681	.039499	.036670	.040852	.075294	.048925	.038740		
Material Cost	.547633	.409446	.329768	.345664	.375392	.859911	.498750	.386147		
Equipment Hours	.047431	.033966	.034504	.031638	.035377	.055733	.044036	.033508		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.046729	.034665	.057708	.040397	.044560	.039802	.140337	.051822		
Material Cost	.542086	.403114	1.020468	.464464	.637058	.639674	1.344421	.560156		
Equipment Hours	.040882	.029416	.047138	.034902	.036781	.031616	.099704	.045294		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.088484	.080536	.044805	.042486	.070433	.041773	.051460	.074993		
Material Cost	.918957	.715877	.684288	.487743	1.047007	.492221	.486716	1.043711		
Equipment Hours	.067494	.052814	.035157	.035079	.061717	.033162	.037738	.052887		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.088246	.041497	.039396	.038859	.041607	.037340	.039379	.041217		
Material Cost	.649724	.469364	.476853	.462285	.437761	.437761	.654708	.560295		
Equipment Hours	.080793	.034497	.033114	.032967	.036951	.031291	.033656	.034162		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.082905	.049718	.061316	.131235	.040392	.039598	.048527	.041408		
Material Cost	1.133632	.484515	.623271	.940319	.674805	.538132	.648325	.491289		
Equipment Hours	.060482	.043608	.030541	.082159	.034995	.032643	.039132	.034387		

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SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	UM ID	2	17
030000 Roofing			
Years	1		
Labor Hours	.006634	.007171	.007292
Material Cost	.020075	.026532	.025031
Equipment Hours	.003317	.003586	.003647
Years	9		
Labor Hours	.006636	.035950	.007489
Material Cost	.025200	.497131	.024530
Equipment Hours	.004318	.017975	.003745
Years	17		
Labor Hours	.007884	.011121	.011023
Material Cost	.029119	.057213	.046226
Equipment Hours	.003943	.005561	.005512
Years	25		
Labor Hours	.006620	.008598	.014708
Material Cost	.025903	.041029	.047920
Equipment Hours	.004311	.004300	.007355
Years	33		
Labor Hours	.019031	.007760	.010138
Material Cost	.067166	.028486	.053832
Equipment Hours	.009517	.003880	.005070
Years	41		
Labor Hours	.008804	.015077	.008009
Material Cost	.055133	.061147	.036985
Equipment Hours	.004403	.007539	.004005
Years	49		
Labor Hours	.008564	.007519	.008565
Material Cost	.025902	.026761	.041283
Equipment Hours	.004282	.003760	.004283
Years	57		
Labor Hours	.036213	.051088	.007266
Material Cost	.209337	.275387	.025151
Equipment Hours	.018107	.025544	.003634
Years	65		
Labor Hours	.007901	.009343	.008942
Material Cost	.037419	.074701	.037512
Equipment Hours	.003951	.004672	.004472
Years	73		
Labor Hours	.037744	.009354	.010521
Material Cost	.521742	.050727	.088665
Equipment Hours	.018872	.004678	.005778
Years	81		
Labor Hours	.007240	.008584	.009210
Material Cost	.024530	.026004	.072178
Equipment Hours	.003620	.004292	.004605
Years	15		
Labor Hours	.014794	.009210	.009210
Material Cost	.052413	.072178	.052413
Equipment Hours	.007398	.004605	.004605
Years	23		
Labor Hours	.007685	.008889	.009110
Material Cost	.030276	.033231	.050397
Equipment Hours	.003845	.004445	.004556
Years	31		
Labor Hours	.008316	.042880	.072471
Material Cost	.025951	.219632	.675955
Equipment Hours	.004158	.021440	.036236
Years	39		
Labor Hours	.008862	.011212	.037201
Material Cost	.055223	.089212	.514572
Equipment Hours	.004431	.005606	.018601
Years	47		
Labor Hours	.007714	.036849	.008663
Material Cost	.030088	.500826	.028011
Equipment Hours	.003858	.018424	.004332
Years	55		
Labor Hours	.072222	.009401	.011046
Material Cost	.699067	.038385	.072166
Equipment Hours	.036111	.004701	.005524
Years	63		
Labor Hours	.013931	.013521	.008195
Material Cost	.059681	.040042	.036786
Equipment Hours	.006966	.006761	.004098
Years	71		
Labor Hours	.007890	.008580	.007227
Material Cost	.030421	.028045	.025208
Equipment Hours	.003945	.004290	.003614
Years	79		
Labor Hours	.013188	.009806	.008958
Material Cost	.091094	.060631	.052549
Equipment Hours	.004266	.004904	.004480

SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
04.00000 Exterior Closure	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000090	.000135	.000190	.002929	.002221	.003026	.000964	.001664
Material Cost	.000450	.000657	.000897	.007665	.007341	.012733	.007128	.013736
Equipment Hours	.000090	.000135	.000190	.002929	.002221	.003026	.000964	.001664
Years	9	10	11	12	13	14	15	16
Labor Hours	.003069	.015141	.003510	.001436	.002273	.003360	.005146	.001466
Material Cost	.016410	.036502	.022284	.016737	.018841	.019818	.021181	.012094
Equipment Hours	.003069	.015141	.003510	.001436	.002258	.003337	.005123	.001443
Years	17	18	19	20	21	22	23	24
Labor Hours	.000829	.003406	.023949	.003584	.001361	.003030	.004678	.005391
Material Cost	.013265	.019298	.054107	.016014	.013175	.018427	.025852	.022088
Equipment Hours	.000800	.003392	.023942	.003376	.001353	.003022	.004664	.005391
Years	25	26	27	28	29	30	31	32
Labor Hours	.003403	.001944	.001700	.003450	.015445	.001888	.001099	.003760
Material Cost	.016514	.014921	.013141	.017495	.036914	.020427	.019580	.026651
Equipment Hours	.003396	.001957	.001692	.003428	.015384	.001806	.001029	.003693
Years	33	34	35	36	37	38	39	40
Labor Hours	.004328	.003722	.001409	.002438	.003382	.023998	.003419	.001467
Material Cost	.026146	.019342	.018257	.017071	.022427	.056808	.022078	.015506
Equipment Hours	.004250	.003669	.001339	.002385	.003319	.023984	.003254	.001467
Years	41	42	43	44	45	46	47	48
Labor Hours	.001270	.003182	.004680	.003050	.002778	.005098	.015178	.004284
Material Cost	.015739	.019947	.026942	.028185	.025759	.024874	.032773	.021180
Equipment Hours	.001260	.003166	.004648	.002872	.002730	.005075	.015138	.004261
Years	49	50	51	52	53	54	55	56
Labor Hours	.001093	.001265	.004030	.005329	.001358	.000940	.005661	.014010
Material Cost	.013405	.018023	.024287	.026144	.017761	.018876	.032132	.035644
Equipment Hours	.001068	.001257	.004030	.005329	.001358	.000940	.005560	.014003
Years	57	58	59	60	61	62	63	64
Labor Hours	.015642	.001183	.001930	.003359	.004921	.002022	.001265	.012384
Material Cost	.086344	.015224	.013141	.018332	.030616	.035312	.035876	.170818
Equipment Hours	.015241	.001168	.001915	.003337	.004768	.001954	.001197	.009549
Years	65	66	67	68	69	70	71	72
Labor Hours	.014250	.005198	.003816	.003457	.004149	.003499	.002163	.002810
Material Cost	.055612	.045323	.060301	.053311	.049461	.047238	.045400	.047452
Equipment Hours	.014182	.005146	.003632	.003396	.004097	.003462	.002146	.002803
Years	73	74	75	76	77	78	79	80
Labor Hours	.005212	.014362	.019108	.002209	.001956	.001950	.004521	.003413
Material Cost	.058085	.064268	.156557	.054707	.046444	.045919	.058819	.044891
Equipment Hours	.005085	.014348	.017426	.002015	.001931	.001935	.004410	.003250

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SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
050000 Interior Construction	UM TD	2 1						
Years								
Labor Hours	.000001	.000002	.000002	.000274	.000287	.00017	.00017	.000409
Material Cost	.000008	.000016	.000016	.000251	.002376	.001151	.001151	.003010
Equipment Hours	.000001	.000002	.000002	.000274	.000287	.000017	.000017	.000409
Years								
Labor Hours	.000342	.000078	.000129	.000399	.000407	.000150	.000253	.000520
Material Cost	.005509	.004681	.009474	.010231	.011262	.010075	.009979	.008966
Equipment Hours	.000342	.000078	.000129	.000399	.000407	.000145	.000249	.000512
Years								
Labor Hours	.000377	.000104	.000261	.000385	.000343	.000189	.000058	.000349
Material Cost	.007669	.007089	.009362	.009759	.005804	.005347	.003875	.005888
Equipment Hours	.000377	.000100	.000175	.000385	.000335	.000185	.000054	.000349
Years								
Labor Hours	.000426	.000192	.000121	.000427	.000507	.000114	.000327	.000415
Material Cost	.011275	.011602	.008133	.010110	.008879	.007509	.012420	.013079
Equipment Hours	.000426	.000192	.000121	.000427	.000507	.000114	.000327	.000410
Years								
Labor Hours	.000425	.000200	.000192	.000489	.000493	.000150	.000219	.000280
Material Cost	.012453	.009857	.008497	.009660	.010212	.005635	.010272	.009820
Equipment Hours	.000421	.000193	.000192	.000485	.000406	.000150	.000212	.000276
Years								
Labor Hours	.000303	.000164	.000313	.000328	.000403	.000331	.000155	.000365
Material Cost	.010358	.007745	.009748	.008045	.011637	.009701	.007561	.009990
Equipment Hours	.000299	.000164	.000313	.000328	.000403	.000331	.000155	.000365
Years								
Labor Hours	.000354	.000260	.000137	.000292	.000360	.000180	.000401	.000367
Material Cost	.007509	.006649	.005611	.005117	.011082	.009297	.015282	.010315
Equipment Hours	.000354	.000256	.000133	.000284	.000360	.000176	.000315	.000367
Years								
Labor Hours	.000479	.000200	.000167	.000398	.000513	.000149	.000058	.000477
Material Cost	.009239	.010268	.007891	.013330	.012597	.010539	.004190	.006277
Equipment Hours	.000471	.000196	.000162	.000398	.000513	.000149	.000058	.000477
Years								
Labor Hours	.000357	.000115	.000088	.000408	.000399	.000130	.000393	.000526
Material Cost	.006539	.007106	.006350	.010037	.009473	.008359	.016148	.015015
Equipment Hours	.000357	.000115	.000088	.000404	.000396	.000123	.000384	.000522
Years								
Labor Hours	.000766	.000239	.000359	.000687	.000470	.000292	.000178	.000232
Material Cost	.021581	.013591	.018844	.016750	.010961	.008854	.007938	.008556
Equipment Hours	.000670	.000239	.000342	.000683	.000456	.000292	.000169	.000222

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SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes	UM TD	2 1						
Years	1							
Labor Hours	.001320	.007521	.007521	.007559	.007615	.007509	.008474	.007572
Material Cost	.020042	.097103	.097103	.097218	.097664	.097005	.101337	.097354
Equipment Hours	.001320	.007521	.007521	.007559	.007615	.007509	.008474	.007572
Years	9							
Labor Hours	.013093	.007685	.010476	.007960	.009388	.008138	.008058	.015725
Material Cost	.148340	.098657	.104622	.097875	.101041	.101257	.098446	.112126
Equipment Hours	.012722	.007685	.010476	.007960	.009388	.008120	.008058	.015605
Years	17							
Labor Hours	.013481	.008634	.012555	.007902	.013548	.008314	.009210	.008967
Material Cost	.147290	.108940	.188177	.097963	.120010	.104619	.104242	.103410
Equipment Hours	.013111	.008588	.011468	.007902	.013428	.008287	.009192	.008949
Years	25							
Labor Hours	.014612	.007180	.008656	.009544	.009510	.008323	.018709	.008842
Material Cost	.162602	.055899	.100069	.099866	.101832	.098207	.117127	.101149
Equipment Hours	.014241	.015204	.008656	.009544	.009510	.008323	.018681	.008823
Years	33							
Labor Hours	.012269	.008127	.007799	.008069	.010764	.008790	.010234	.007952
Material Cost	.146388	.108061	.104713	.101238	.185098	.108729	.137699	.104287
Equipment Hours	.011899	.008008	.007771	.008051	.009675	.008471	.009873	.007924
Years	41							
Labor Hours	.017592	.008433	.010166	.008498	.008355	.015282	.009501	.008490
Material Cost	.158974	.104133	.108828	.104280	.099804	.102508	.107388	.104817
Equipment Hours	.017203	.008415	.010139	.008471	.008355	.015282	.009474	.008462
Years	49							
Labor Hours	.015984	.008216	.019880	.008549	.009553	.010517	.043439	.008099
Material Cost	.168820	.102552	.572361	.109223	.112797	.111910	.302467	.105103
Equipment Hours	.015596	.008197	.017905	.008429	.009233	.009375	.040552	.008071
Years	57							
Labor Hours	.013173	.009212	.008870	.010786	.029369	.009339	.017552	.008485
Material Cost	.158018	.098444	.102856	.115105	.152845	.098986	.143042	.099259
Equipment Hours	.012683	.009212	.008851	.009635	.028842	.009339	.013051	.008485
Years	65							
Labor Hours	.044871	.010047	.008876	.007805	.009224	.007888	.010896	.010771
Material Cost	.245703	.119277	.115619	.102352	.117976	.117256	.274953	.125018
Equipment Hours	.042897	.008896	.008831	.007782	.009168	.007740	.010391	.009483
Years	73							
Labor Hours	.016738	.008694	.012976	.090654	.008973	.009525	.012493	.009209
Material Cost	.254497	.111741	.136499	.473807	.106275	.109940	.116908	.124460
Equipment Hours	.015248	.008549	.010762	.052299	.008836	.009195	.011252	.008967

SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing	UM TD	2 3						
Years								
Labor Hours	.000275	.000782	.000952	.001979	.002081	.001904	.001865	.002836
Material Cost	.010322	.011507	.011050	.013015	.012024	.013914	.013914	.016331
Equipment Hours	.000275	.000782	.000941	.001770	.001897	.001892	.001839	.002652
Years								
Labor Hours	.002864	.002040	.002058	.002767	.002667	.001883	.002289	.003320
Material Cost	.032627	.031284	.037521	.033983	.028970	.020216	.020079	.044366
Equipment Hours	.002648	.001995	.001991	.002485	.002368	.001820	.002225	.003091
Years								
Labor Hours	.002273	.001507	.001874	.002594	.003766	.001667	.001658	.002615
Material Cost	.019655	.029027	.038240	.056188	.046979	.119475	.043217	.024801
Equipment Hours	.002076	.001483	.001809	.002376	.003485	.001575	.001543	.002323
Years								
Labor Hours	.003112	.003353	.001837	.002544	.002937	.003062	.003071	.002706
Material Cost	.046146	.064881	.024290	.118239	.062721	.043443	.086229	.036346
Equipment Hours	.002776	.002621	.001736	.002362	.002673	.002511	.002946	.002588
Years								
Labor Hours	.002793	.002181	.002098	.001998	.002405	.002118	.001718	.001577
Material Cost	.031797	.022488	.026383	.025757	.028597	.028641	.041948	.037655
Equipment Hours	.002501	.001922	.002017	.001894	.002066	.001775	.001603	.001474
Years								
Labor Hours	.011943	.001913	.001893	.002371	.002871	.003246	.001867	.002485
Material Cost	.102871	.039837	.036924	.027842	.046010	.045516	.107939	.050723
Equipment Hours	.007147	.001634	.001731	.002328	.002650	.002950	.001771	.002332
Years								
Labor Hours	.003033	.003041	.003530	.002357	.003581	.002609	.002815	.002391
Material Cost	.040967	.059683	.081333	.027575	.105770	.039210	.021734	.043456
Equipment Hours	.002676	.002469	.002763	.002302	.002862	.002208	.002596	.002375
Years								
Labor Hours	.001974	.003129	.002170	.004458	.004080	.002348	.003263	.002173
Material Cost	.024374	.032713	.040423	.041814	.071632	.039355	.041388	.028979
Equipment Hours	.001951	.002292	.001919	.003243	.003934	.001872	.002344	.002096
Years								
Labor Hours	.002513	.002460	.002461	.003773	.002417	.003141	.002291	.002428
Material Cost	.030823	.023384	.023145	.023015	.037078	.056403	.040963	.123710
Equipment Hours	.002465	.002214	.002199	.003124	.002343	.002392	.001946	.002248
Years								
Labor Hours	.003768	.002397	.002815	.011306	.001962	.003348	.002351	.004329
Material Cost	.056923	.027560	.048764	.107081	.026963	.127578	.063548	.043044
Equipment Hours	.002931	.002084	.002492	.007047	.001885	.002420	.002058	.002986

SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	UM	TD	2	9
0900000 HVAC				
Years	1	2	3	4
Labor Hours	.001761	.006652	.007296	.007167
Material Cost	.005512	.011497	.017078	.027700
Equipment Hours	.001761	.006091	.006734	.006600
Years	9	10	11	12
Labor Hours	.010396	.007214	.007335	.008311
Material Cost	.060789	.037803	.042659	.081592
Equipment Hours	.009808	.006582	.006657	.007508
Years	17	18	19	20
Labor Hours	.010465	.007389	.007656	.007725
Material Cost	.079666	.074387	.080485	.059837
Equipment Hours	.009789	.006587	.006775	.007113
Years	25	26	27	28
Labor Hours	.011513	.009082	.008480	.008497
Material Cost	.190759	.233137	.161671	.078405
Equipment Hours	.010291	.007315	.007119	.007587
Years	33	34	35	36
Labor Hours	.011623	.007325	.007527	.008493
Material Cost	.172390	.067833	.117514	.134700
Equipment Hours	.010146	.006539	.006608	.007434
Years	41	42	43	44
Labor Hours	.010757	.007632	.007697	.008104
Material Cost	.103802	.104304	.060193	.062208
Equipment Hours	.009958	.006814	.006930	.007367
Years	49	50	51	52
Labor Hours	.010651	.007639	.007600	.008101
Material Cost	.069731	.074195	.095183	.114575
Equipment Hours	.009978	.006828	.006748	.007140
Years	57	58	59	60
Labor Hours	.013013	.007956	.009110	.008531
Material Cost	.194292	.138750	.278520	.127786
Equipment Hours	.011225	.006777	.007115	.007310
Years	65	66	67	68
Labor Hours	.011600	.007487	.008230	.009092
Material Cost	.189942	.069047	.125945	.096897
Equipment Hours	.010314	.006688	.006993	.007767
Years	73	74	75	76
Labor Hours	.010856	.007383	.007188	.008311
Material Cost	.080934	.056539	.030464	.100175
Equipment Hours	.009940	.006508	.006521	.007366
Years	81	82	83	84
Labor Hours	.007825	.007213	.007536	.007627
Material Cost	.038950	.029378	.065908	.065474
Equipment Hours	.007230	.006625	.006720	.006928
Years	16	15	14	13
Labor Hours	.008071	.007536	.007627	.010965
Material Cost	.085808	.065908	.065474	.095092
Equipment Hours	.007237	.006720	.006928	.010173
Years	24	23	22	21
Labor Hours	.008293	.007593	.007267	.010948
Material Cost	.112418	.134651	.071012	.160693
Equipment Hours	.007365	.006586	.006536	.009991
Years	32	31	30	29
Labor Hours	.008566	.008651	.008546	.013161
Material Cost	.112890	.205925	.194563	.203038
Equipment Hours	.007464	.007034	.006985	.011427
Years	40	39	38	37
Labor Hours	.008017	.007356	.007594	.010643
Material Cost	.091163	.094644	.094785	.150134
Equipment Hours	.007205	.006496	.006580	.009751
Years	48	47	46	45
Labor Hours	.008182	.007616	.007504	.010926
Material Cost	.059217	.067398	.050695	.099043
Equipment Hours	.007428	.006834	.006756	.010083
Years	56	55	54	53
Labor Hours	.008864	.008006	.008944	.011178
Material Cost	.154839	.104229	.274983	.150956
Equipment Hours	.007599	.006855	.007080	.010040
Years	64	63	62	61
Labor Hours	.008515	.008388	.008180	.011029
Material Cost	.138804	.122186	.158490	.112642
Equipment Hours	.007557	.007227	.006988	.010108
Years	72	71	70	69
Labor Hours	.007798	.007471	.007367	.010885
Material Cost	.043836	.075401	.057178	.096897
Equipment Hours	.007099	.006662	.006626	.010103
Years	80	79	78	77
Labor Hours	.008365	.007890	.007342	.010368
Material Cost	.106630	.081682	.066404	.075716
Equipment Hours	.007422	.006859	.006622	.009770

SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
1100000 Interior Electrical										
Years	1									
Labor Hours	.000618	.002472	.002767	.002906	.003093	.003853	.003893	.003853	.003893	.003853
Material Cost	.000094	.000527	.001077	.004092	.004276	.002989	.002638	.002989	.002638	.002989
Equipment Hours	.000618	.002472	.002767	.002906	.003093	.003853	.003893	.003853	.003893	.003853
Years	9									
Labor Hours	.004214	.004040	.005135	.004369	.004806	.004705	.004857	.004705	.004857	.004705
Material Cost	.062472	.057709	.118165	.093322	.092659	.099565	.097618	.099565	.097618	.099565
Equipment Hours	.004177	.004004	.005090	.004323	.004746	.004649	.004795	.004649	.004795	.004649
Years	17									
Labor Hours	.004776	.004525	.004857	.004505	.004665	.004177	.004331	.004177	.004331	.004177
Material Cost	.095631	.076779	.096246	.074676	.099846	.049777	.063447	.049777	.063447	.049777
Equipment Hours	.004722	.004475	.004806	.004458	.004610	.004153	.004301	.004153	.004301	.004153
Years	25									
Labor Hours	.004562	.004869	.005152	.005011	.004880	.004688	.010997	.004688	.010997	.004688
Material Cost	.064377	.123871	.203987	.126486	.132842	.116426	.688948	.116426	.688948	.116426
Equipment Hours	.004533	.004725	.004983	.004865	.004726	.004549	.008117	.004549	.008117	.004549
Years	33									
Labor Hours	.005524	.005421	.005155	.005454	.005467	.005266	.005374	.005266	.005374	.005266
Material Cost	.157253	.176413	.148594	.141758	.113137	.127646	.119022	.127646	.119022	.127646
Equipment Hours	.005390	.005125	.005023	.005391	.005413	.005187	.005306	.005187	.005306	.005187
Years	41									
Labor Hours	.004960	.004198	.004543	.004202	.004593	.004883	.004624	.004624	.004624	.004624
Material Cost	.091797	.066566	.051015	.05843	.053687	.116122	.136941	.116122	.136941	.116122
Equipment Hours	.004895	.004152	.004509	.004160	.004559	.004807	.004536	.004807	.004536	.004807
Years	49									
Labor Hours	.004768	.004621	.004462	.005090	.005172	.005073	.005481	.005073	.005481	.005073
Material Cost	.204238	.104687	.199297	.134280	.161149	.136356	.159649	.136356	.159649	.136356
Equipment Hours	.004644	.004545	.006382	.005019	.005093	.004997	.005402	.004997	.005402	.004997
Years	57									
Labor Hours	.005698	.005598	.005790	.005536	.010086	.004132	.004782	.004132	.004782	.004132
Material Cost	.231280	.137833	.157738	.134394	.618134	.080997	.074213	.080997	.074213	.080997
Equipment Hours	.005524	.005454	.005654	.005372	.007214	.004018	.004672	.004018	.004672	.004018
Years	65									
Labor Hours	.004516	.004743	.004730	.004719	.005022	.004612	.005966	.004612	.005966	.004612
Material Cost	.073039	.125038	.101768	.117651	.111712	.113409	.162488	.113409	.162488	.113409
Equipment Hours	.004388	.004662	.004647	.004628	.004946	.004534	.005875	.004534	.005875	.004534
Years	73									
Labor Hours	.005497	.005134	.004993	.005423	.005414	.005201	.005607	.005201	.005607	.005201
Material Cost	.132613	.147726	.131915	.124303	.149090	.112694	.216970	.112694	.216970	.112694
Equipment Hours	.005412	.005049	.004900	.005366	.005346	.005141	.005493	.005141	.005493	.005141

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UM = Unit of Measure ID
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SPECIAL PURPOSE MAINTENANCE SH

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	2	2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.001917	.002165	.002015	.002193	.002023	.002240	.002065	.002251
Material Cost	.000000	.000167	.000010	.004755	.004338	.004962	.004196	.004651
Equipment Hours	.001917	.002165	.002015	.002193	.002023	.002240	.002065	.002251
Years	9	10	11	12	13	14	15	16
Labor Hours	.002107	.002255	.002219	.002117	.002290	.002137	.002295	.002102
Material Cost	.009733	.009133	.008810	.006130	.007153	.012312	.011487	.011775
Equipment Hours	.002107	.002255	.002219	.002117	.002290	.002137	.002295	.002102
Years	17	18	19	20	21	22	23	24
Labor Hours	.002280	.002109	.002281	.002103	.002240	.002063	.002246	.002094
Material Cost	.008566	.006215	.011319	.010771	.005576	.006052	.005227	.010568
Equipment Hours	.002280	.002109	.002281	.002103	.002240	.002063	.002246	.002094
Years	25	26	27	28	29	30	31	32
Labor Hours	.002258	.002130	.002211	.002137	.002298	.002133	.002279	.002133
Material Cost	.009756	.008871	.006127	.007265	.012211	.011360	.011728	.008716
Equipment Hours	.002258	.002130	.002211	.002137	.002298	.002133	.002279	.002133
Years	33	34	35	36	37	38	39	40
Labor Hours	.002288	.002142	.002291	.002126	.002273	.002159	.002294	.002144
Material Cost	.006287	.011476	.010764	.005664	.006157	.005382	.010551	.009948
Equipment Hours	.002288	.002142	.002291	.002126	.002273	.002159	.002294	.002144
Years	41	42	43	44	45	46	47	48
Labor Hours	.002266	.002082	.002259	.002109	.002266	.002103	.002270	.002101
Material Cost	.008960	.005967	.007107	.012276	.011440	.011667	.008661	.006300
Equipment Hours	.002266	.002082	.002259	.002109	.002266	.002103	.002270	.002101
Years	49	50	51	52	53	54	55	56
Labor Hours	.002284	.002104	.002282	.002115	.002311	.002139	.002313	.002151
Material Cost	.011314	.010565	.005551	.006267	.005376	.010656	.009881	.009047
Equipment Hours	.002284	.002104	.002282	.002115	.002311	.002139	.002313	.002151
Years	57	58	59	60	61	62	63	64
Labor Hours	.002292	.002170	.002311	.002151	.002238	.002082	.002223	.002094
Material Cost	.006072	.007259	.012232	.011631	.011755	.008501	.006142	.011379
Equipment Hours	.002292	.002170	.002311	.002151	.002238	.002082	.002223	.002094
Years	65	66	67	68	69	70	71	72
Labor Hours	.002239	.012105	.002252	.002125	.002283	.002124	.002307	.002134
Material Cost	.010647	.015488	.006213	.005386	.010503	.009673	.008934	.006182
Equipment Hours	.002239	.012105	.002252	.002125	.002283	.002124	.002307	.002134
Years	73	74	75	76	77	78	79	80
Labor Hours	.002324	.012154	.002320	.002124	.002292	.002134	.002297	.002125
Material Cost	.007256	.012364	.011565	.011843	.008606	.006292	.011366	.010839
Equipment Hours	.002324	.012154	.002320	.002124	.002292	.002134	.002297	.002125

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MAINTENANCE - INSTALLATION Q&R

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0000000	Total Summary										
Years		1									
Labor Hours	.005318										
Material Cost	.023997										
Equipment Hours	.004076										
Years		9									
Labor Hours	.036274										
Material Cost	.301066										
Equipment Hours	.031315										
Years		17									
Labor Hours	.037404										
Material Cost	.405708										
Equipment Hours	.031630										
Years		25									
Labor Hours	.039117										
Material Cost	.595242										
Equipment Hours	.033857										
Years		33									
Labor Hours	.041328										
Material Cost	.620752										
Equipment Hours	.035685										
Years		41									
Labor Hours	.060787										
Material Cost	.747350										
Equipment Hours	.050223										
Years		49									
Labor Hours	.037746										
Material Cost	.759936										
Equipment Hours	.032701										
Years		57									
Labor Hours	.297210										
Material Cost	5.536760										
Equipment Hours	.120890										
Years		65									
Labor Hours	.059626										
Material Cost	.623090										
Equipment Hours	.049002										
Years		73									
Labor Hours	.050685										
Material Cost	.771083										
Equipment Hours	.041925										

MAINTENANCE - INSTALLATION O&R

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
030000 Roofing								
Years								
Labor Hours	.002483	.003688	.00551	.003816	.004020	.004630	.003947	.003783
Material Cost	.016745	.025776	.025359	.023499	.023498	.026287	.024052	.024052
Equipment Hours	.001242	.001844	.002276	.001908	.002010	.002315	.001974	.001892
Years								
Labor Hours	.004829	.004168	.006774	.004443	.005218	.009402	.007001	.003930
Material Cost	.024896	.028498	.073815	.024052	.064406	.168114	.073404	.025643
Equipment Hours	.002415	.002084	.003387	.002222	.002609	.004701	.003501	.001965
Years								
Labor Hours	.005512	.005943	.012157	.007604	.010549	.004709	.004528	.004810
Material Cost	.033968	.051299	.119023	.062855	.124561	.036962	.024052	.034775
Equipment Hours	.002756	.002972	.006079	.003803	.005274	.002355	.002265	.002406
Years								
Labor Hours	.004134	.007689	.014932	.007527	.098055	.004100	.007161	.007088
Material Cost	.023633	.072889	.170148	.066676	.539249	.024052	.075539	.042593
Equipment Hours	.002067	.003844	.007466	.003764	.049028	.002050	.003581	.003544
Years								
Labor Hours	.004421	.005342	.003629	.006675	.004479	.011891	.005079	.013365
Material Cost	.027879	.035444	.022990	.070623	.026808	.149682	.062681	.230322
Equipment Hours	.002211	.002671	.001815	.003338	.002240	.005946	.002540	.006682
Years								
Labor Hours	.008708	.008954	.005345	.005358	.004431	.005042	.005595	.004732
Material Cost	.114108	.111261	.033468	.044251	.030255	.031946	.039314	.029598
Equipment Hours	.004354	.004477	.002673	.002679	.002215	.002322	.002798	.002366
Years								
Labor Hours	.004160	.003761	.006996	.007657	.015408	.007386	.003387	.007490
Material Cost	.024052	.023944	.072224	.069645	.170731	.068970	.022990	.061199
Equipment Hours	.002070	.001881	.003498	.003829	.007704	.003693	.001694	.003745
Years								
Labor Hours	.003420	.006139	.004335	.003823	.008198	.008219	.007962	.004571
Material Cost	.610652	.053347	.024052	.024052	.086523	.078003	.052862	.028074
Equipment Hours	.051710	.003070	.002168	.001912	.004099	.004110	.003981	.002285
Years								
Labor Hours	.005096	.009597	.005628	.004763	.003858	.004415	.008156	.034224
Material Cost	.062956	.171200	.063598	.028674	.024052	.026379	.080401	.028799
Equipment Hours	.002549	.004799	.002814	.002382	.001929	.002208	.004079	.002112
Years								
Labor Hours	.007253	.004526	.013032	.004931	.006559	.007357	.015189	.007129
Material Cost	.071059	.029411	.159488	.033665	.069728	.064614	.169201	.067147
Equipment Hours	.003627	.002263	.006517	.002465	.003280	.003678	.007595	.003565

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 UM = Unit of Measure ID
 TD = Trade ID

MAINTENANCE - INSTALLATION O&R

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0400000 Exterior Closure								
Years								
Labor Hours	.000079	.000130	.000230	.001773	.003725	.001777	.001905	.006973
Material Cost	.000438	.000714	.001098	.006030	.011442	.007792	.012136	.022546
Equipment Hours	.000079	.000130	.000230	.001773	.003725	.001777	.001905	.006973
Years								
Labor Hours	.001916	.009266	.002190	.002191	.001379	.002861	.005047	.007327
Material Cost	.016840	.036155	.035371	.028405	.027377	.024615	.030433	.026691
Equipment Hours	.001916	.009266	.002190	.002191	.001379	.002830	.005016	.007327
Years								
Labor Hours	.001558	.002001	.015506	.003041	.001438	.002270	.008288	.007879
Material Cost	.022850	.024186	.048360	.016316	.014816	.025534	.034950	.037556
Equipment Hours	.001511	.002001	.015490	.003041	.001438	.002270	.008273	.007879
Years								
Labor Hours	.002027	.001300	.002350	.002089	.010215	.002108	.006718	.002099
Material Cost	.023406	.019201	.020474	.024348	.045832	.026418	.046735	.028508
Equipment Hours	.002027	.001300	.002350	.002089	.010138	.002046	.006594	.002053
Years								
Labor Hours	.005355	.003404	.001365	.002240	.002396	.020852	.002437	.002129
Material Cost	.038812	.026594	.029931	.025464	.033475	.047311	.027359	.028971
Equipment Hours	.005246	.003357	.001287	.002131	.002334	.020801	.002159	.002129
Years								
Labor Hours	.002272	.005600	.004687	.002268	.007741	.003411	.010409	.006341
Material Cost	.025863	.099799	.038445	.047589	.042936	.034283	.047352	.030888
Equipment Hours	.002272	.003611	.004656	.001974	.007726	.003380	.010409	.006325
Years								
Labor Hours	.002199	.001746	.002730	.010919	.002130	.001328	.005022	.009398
Material Cost	.029723	.037935	.039048	.050206	.028919	.034217	.040853	.053993
Equipment Hours	.002199	.001730	.002730	.010919	.002130	.001328	.005022	.009398
Years								
Labor Hours	.008963	.001659	.002429	.007271	.004262	.002606	.002083	.006689
Material Cost	.054738	.022078	.013827	.033100	.023399	.043755	.041184	.085000
Equipment Hours	.008932	.001644	.002429	.007240	.004231	.002445	.001975	.005794
Years								
Labor Hours	.008824	.003062	.008762	.001893	.002506	.005126	.007338	.002345
Material Cost	.054041	.043723	.069254	.063132	.049767	.053333	.061602	.041532
Equipment Hours	.008746	.002984	.008684	.001741	.002460	.005080	.007323	.002345
Years								
Labor Hours	.005159	.012480	.017808	.002063	.002338	.003140	.002519	.005148
Material Cost	.054368	.061849	.222883	.048642	.042126	.055031	.045470	.058587
Equipment Hours	.005112	.012480	.014504	.002063	.002338	.003140	.002519	.004855

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MAINTENANCE - INSTALLATION O&R

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction			2	1						
Years	1									
Labor Hours	.000002		.000005	.000042	.000805	.000724	.000081	.000226	.001524	
Material Cost	.000022		.000041	.000155	.000246	.000397	.000587	.002692	.012379	
Equipment Hours	.000002		.000005	.000042	.000805	.000724	.000081	.000226	.001524	
Years	9									
Labor Hours	.000934		.000378	.000450	.001067	.000895	.000466	.001104	.000838	
Material Cost	.022699		.031292	.019785	.025232	.023589	.019915	.025661	.005788	
Equipment Hours	.000934		.000378	.000450	.001067	.000895	.000466	.001104	.000838	
Years	17									
Labor Hours	.000734		.000236	.000302	.000919	.001057	.001135	.000343	.000957	
Material Cost	.007904		.008059	.007491	.023082	.022303	.027999	.019795	.021735	
Equipment Hours	.000734		.000236	.000277	.000919	.001045	.001135	.000343	.000957	
Years	25									
Labor Hours	.001024		.000804	.000232	.000945	.001665	.000292	.000753	.001417	
Material Cost	.022384		.022756	.010412	.015024	.020307	.010573	.034051	.043034	
Equipment Hours	.001024		.000804	.000232	.000945	.001665	.000292	.000753	.001417	
Years	33									
Labor Hours	.001090		.000678	.001051	.001953	.001035	.000641	.000539	.000526	
Material Cost	.033243		.030262	.037629	.044026	.028061	.022132	.019201	.019313	
Equipment Hours	.001090		.000665	.001051	.001953	.001017	.000634	.000526	.000526	
Years	41									
Labor Hours	.000414		.000513	.001185	.000947	.001187	.000497	.000550	.000962	
Material Cost	.012730		.013912	.022536	.014534	.027966	.017728	.018143	.018342	
Equipment Hours	.000414		.000513	.001185	.000947	.001187	.000497	.000550	.000962	
Years	49									
Labor Hours	.001036		.001317	.001319	.001255	.000870	.000484	.000613	.000784	
Material Cost	.031134		.033243	.017996	.023668	.022083	.022316	.024446	.010317	
Equipment Hours	.001036		.001317	.000940	.001242	.000870	.000484	.000595	.000777	
Years	57									
Labor Hours	.001381		.000465	.000461	.000912	.000970	.000460	.000388	.001582	
Material Cost	.019123		.010477	.012804	.026429	.025619	.019966	.018375	.024975	
Equipment Hours	.001381		.000465	.000461	.000912	.000970	.000460	.000388	.001582	
Years	65									
Labor Hours	.001132		.000793	.000126	.001013	.000951	.000353	.001130	.001376	
Material Cost	.026300		.033617	.007228	.020913	.013683	.012346	.029003	.033468	
Equipment Hours	.001132		.000793	.000126	.001013	.000951	.000340	.001130	.001376	
Years	73									
Labor Hours	.001330		.000503	.000876	.001397	.001541	.000924	.000472	.000822	
Material Cost	.035077		.028214	.043651	.033172	.029883	.020394	.015997	.024115	
Equipment Hours	.001312		.000496	.000863	.001397	.001541	.000924	.000472	.000822	

MAINTENANCE - INSTALLATION O&R

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes	UM TD	2	1					
Years	1	2	3	4	5	6	7	8
Labor Hours	.000651	.005655	.005655	.005656	.005664	.005524	.006213	.005926
Material Cost	.003499	.049052	.049052	.049140	.049681	.048885	.051493	.057912
Equipment Hours	.000651	.005655	.005655	.005656	.005664	.005524	.006213	.005790
Years	9	10	11	12	13	14	15	16
Labor Hours	.009776	.005898	.008814	.005661	.006699	.005863	.005991	.012337
Material Cost	.125227	.052347	.060070	.049167	.051312	.049221	.051307	.118001
Equipment Hours	.008812	.005898	.008814	.005661	.006699	.005863	.005991	.011702
Years	17	18	19	20	21	22	23	24
Labor Hours	.009979	.006928	.011740	.005698	.019105	.005732	.007275	.006408
Material Cost	.126318	.050724	.253477	.049442	.120969	.051832	.052480	.058187
Equipment Hours	.009014	.006928	.009421	.005698	.018636	.005703	.007275	.006273
Years	25	26	27	28	29	30	31	32
Labor Hours	.010680	.011489	.006052	.006730	.006270	.005684	.015214	.006505
Material Cost	.134128	.190076	.052153	.052786	.050635	.049201	.087370	.058246
Equipment Hours	.009715	.010913	.006052	.006730	.006270	.005684	.015178	.006369
Years	33	34	35	36	37	38	39	40
Labor Hours	.009296	.006838	.006064	.005729	.009867	.007682	.007815	.006026
Material Cost	.123448	.104024	.053619	.049629	.221342	.080975	.106904	.060738
Equipment Hours	.008331	.006348	.006035	.005729	.007908	.007321	.007346	.005861
Years	41	42	43	44	45	46	47	48
Labor Hours	.018643	.010247	.007744	.006164	.005870	.009581	.008196	.006342
Material Cost	.152704	.079348	.052327	.049975	.050327	.053857	.052879	.058728
Equipment Hours	.017309	.009925	.007744	.006164	.005870	.009581	.008196	.006206
Years	49	50	51	52	53	54	55	56
Labor Hours	.010920	.005795	.013957	.007746	.006050	.005862	.015382	.006683
Material Cost	.132740	.050360	.130163	.178942	.052310	.050039	.235648	.087395
Equipment Hours	.009955	.005795	.013703	.006956	.006020	.005862	.013423	.006187
Years	57	58	59	60	61	62	63	64
Labor Hours	.010364	.007386	.006432	.006176	.046895	.013884	.013480	.006042
Material Cost	.178945	.053254	.051941	.049947	.180121	.063267	.083294	.060891
Equipment Hours	.008914	.007357	.006432	.006176	.046091	.013858	.010328	.005906
Years	65	66	67	68	69	70	71	72
Labor Hours	.021986	.005691	.006445	.005837	.005928	.006636	.010674	.005994
Material Cost	.159180	.049205	.052605	.050401	.050247	.106051	.207395	.058527
Equipment Hours	.017588	.005691	.006445	.005821	.005928	.006160	.009468	.005858
Years	73	74	75	76	77	78	79	80
Labor Hours	.015329	.006674	.015882	.050630	.006233	.020669	.006891	.006413
Material Cost	.329742	.079641	.166645	.251548	.050724	.115145	.053078	.058200
Equipment Hours	.012088	.006314	.011353	.031113	.006233	.013852	.006891	.006277

MAINTENANCE - INSTALLATION O&R

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000073	.001024	.002396	.002197	.004471	.002730	.002594	.003247
Material Cost	.000079	.000843	.001834	.005695	.005576	.003641	.006379	.012025
Equipment Hours	.000073	.001024	.002268	.001971	.003687	.002722	.002390	.003199
Years								
Labor Hours	.005077	.002555	.003697	.002297	.005447	.001885	.003785	.004428
Material Cost	.045761	.030491	.105086	.037858	.032110	.009159	.014405	.159548
Equipment Hours	.004148	.002443	.003458	.002149	.004107	.001842	.003628	.004133
Years								
Labor Hours	.004133	.002321	.003244	.002662	.010930	.002114	.003119	.002543
Material Cost	.010330	.014455	.046793	.033333	.184705	.076747	.076448	.019276
Equipment Hours	.003254	.002303	.002984	.002586	.009757	.001976	.002952	.002305
Years								
Labor Hours	.005721	.005890	.003440	.002825	.003480	.005052	.005153	.003277
Material Cost	.028699	.433171	.029374	.055829	.057896	.099453	.224023	.084328
Equipment Hours	.004417	.004321	.002888	.002685	.003168	.003830	.004483	.003045
Years								
Labor Hours	.003543	.003069	.003524	.002778	.003533	.004068	.003279	.002330
Material Cost	.019622	.012563	.020987	.032118	.044777	.042682	.049695	.041351
Equipment Hours	.003266	.002387	.003120	.002560	.002844	.003219	.002824	.002107
Years								
Labor Hours	.014969	.005653	.003526	.002750	.003536	.005332	.003239	.003015
Material Cost	.229924	.070365	.026272	.020135	.017510	.119097	.098368	.015823
Equipment Hours	.011118	.003970	.003007	.002695	.003310	.004321	.002884	.002848
Years								
Labor Hours	.004103	.004855	.006618	.002481	.004379	.002299	.004657	.003744
Material Cost	.125313	.046888	.514066	.031580	.065889	.011853	.012809	.080033
Equipment Hours	.003383	.003618	.004667	.002354	.003727	.002244	.003875	.003623
Years								
Labor Hours	.002864	.002860	.004026	.004746	.010143	.002996	.004242	.002676
Material Cost	.012825	.017867	.044144	.030668	.293680	.094392	.026522	.029956
Equipment Hours	.002641	.002717	.003294	.003520	.009151	.002731	.003448	.002481
Years								
Labor Hours	.003787	.003252	.004457	.003391	.003333	.003349	.004221	.002498
Material Cost	.016430	.024749	.022876	.021600	.045964	.033286	.114806	.079303
Equipment Hours	.003428	.003086	.003512	.003305	.003144	.002669	.003204	.002352
Years								
Labor Hours	.004494	.002875	.005009	.036631	.003098	.003014	.004817	.005939
Material Cost	.047821	.032706	.099493	.585350	.062335	.070195	.069366	.034743
Equipment Hours	.003599	.002445	.004061	.020079	.002711	.002759	.003684	.004175

MAINTENANCE - INSTALLATION O&R

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0900000	HVAC										
Years											
Labor Hours											
Material Cost											
Equipment Hours											
Years											
Labor Hours											
Material Cost											
Equipment Hours											
Years											
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Years											
Labor Hours											
Material Cost											
Equipment Hours											

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MAINTENANCE - INSTALLATION O&R

Resources Per Square Foot

Task	Description	UM	TD								
1100000	Interior Electrical	2	2								
Years		1	3	4	5	6	7	8			
Labor Hours	.000300	.001552	.001837	.001824	.002109	.002874	.003015	.002673			
Material Cost	.000000	.000040	.000360	.001687	.002547	.019473	.019572	.019201			
Equipment Hours	.000300	.001552	.001837	.001824	.002109	.002874	.003015	.002673			
Years		10	11	12	13	14	15	16			
Labor Hours	.003293	.003064	.004420	.003522	.004502	.003804	.003945	.003893			
Material Cost	.024004	.023850	.075387	.047624	.049422	.052938	.049044	.051729			
Equipment Hours	.003293	.003064	.004420	.003522	.004499	.003798	.003935	.003878			
Years		18	19	20	21	22	23	24			
Labor Hours	.003998	.003619	.004159	.003683	.004172	.003392	.003541	.003394			
Material Cost	.075777	.045166	.050924	.074786	.063259	.037242	.061538	.034877			
Equipment Hours	.003981	.003605	.004155	.003671	.004162	.003374	.003527	.003386			
Years		26	27	28	29	30	31	32			
Labor Hours	.004309	.003934	.004240	.004607	.004250	.003630	.011577	.004821			
Material Cost	.032960	.079089	.056360	.127468	.098049	.053543	.803888	.177737			
Equipment Hours	.004303	.003899	.004224	.004320	.004235	.003621	.008827	.004632			
Years		34	35	36	37	38	39	40			
Labor Hours	.005145	.004671	.004210	.004582	.004891	.004574	.004876	.004674			
Material Cost	.152017	.104979	.099805	.074375	.073920	.104861	.073401	.073407			
Equipment Hours	.004859	.004509	.004197	.004568	.004882	.004551	.004864	.004664			
Years		42	43	44	45	46	47	48			
Labor Hours	.004536	.003715	.004297	.003460	.003661	.003665	.003828	.003436			
Material Cost	.099662	.045679	.034010	.064744	.036540	.051496	.110307	.056169			
Equipment Hours	.004495	.003695	.004287	.003433	.003649	.003651	.003781	.003418			
Years		50	51	52	53	54	55	56			
Labor Hours	.003861	.003522	.006412	.004300	.005126	.004388	.005313	.004923			
Material Cost	.056856	.108022	.133703	.079867	.169366	.079612	.074870	.133894			
Equipment Hours	.003841	.003498	.006380	.004287	.005097	.004380	.005305	.004896			
Years		58	59	60	61	62	63	64			
Labor Hours	.005167	.005441	.005255	.004769	.011316	.003264	.004919	.003647			
Material Cost	.080209	.145969	.131287	.088598	.775610	.068976	.181653	.043430			
Equipment Hours	.005159	.005158	.005231	.004761	.008389	.003245	.004460	.0034469			
Years		66	67	68	69	70	71	72			
Labor Hours	.003607	.003763	.003923	.003713	.004302	.003759	.005162	.004642			
Material Cost	.078045	.055312	.049419	.082614	.057943	.055733	.128240	.081658			
Equipment Hours	.003592	.003734	.003903	.003662	.004296	.003737	.005136	.004459			
Years		74	75	76	77	78	79	80			
Labor Hours	.005442	.004528	.004467	.004646	.004800	.004466	.004824	.004441			
Material Cost	.078573	.111990	.073027	.075182	.134796	.071904	.072553	.130532			
Equipment Hours	.005432	.004495	.004435	.004620	.004763	.004438	.004816	.004410			

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MAINTENANCE - INSTALLATION Q&R

Resources Per Square Foot

Task Description	1200000 Special Inter. Electr. System	UM	TD	2	2
Years	1	2	3	4	5
Labor Hours	.000198	.000406	.000399	.000427	.000402
Material Cost	.000000	.000488	.000516	.001547	.001203
Equipment Hours	.000198	.000406	.000399	.000427	.000402
Years	9	10	11	12	13
Labor Hours	.000487	.000502	.000535	.000542	.000598
Material Cost	.003248	.003914	.005009	.005923	.005408
Equipment Hours	.000487	.000502	.000535	.000542	.000598
Years	17	18	19	20	21
Labor Hours	.000523	.000544	.000543	.000504	.000494
Material Cost	.006529	.004988	.004576	.005355	.003310
Equipment Hours	.000523	.000544	.000543	.000504	.000494
Years	25	26	27	28	29
Labor Hours	.000509	.000515	.000613	.000582	.000599
Material Cost	.004924	.004963	.006354	.005367	.012014
Equipment Hours	.000509	.000515	.000613	.000582	.000599
Years	33	34	35	36	37
Labor Hours	.000586	.000562	.000558	.000540	.000624
Material Cost	.005094	.005014	.005927	.002460	.007488
Equipment Hours	.000586	.000562	.000558	.000540	.000624
Years	41	42	43	44	45
Labor Hours	.000516	.000532	.000538	.000526	.000485
Material Cost	.005700	.006209	.005293	.011910	.003480
Equipment Hours	.000516	.000532	.000538	.000526	.000485
Years	49	50	51	52	53
Labor Hours	.000531	.000511	.000557	.000515	.000576
Material Cost	.004697	.005112	.002484	.007182	.002457
Equipment Hours	.000531	.000511	.000557	.000515	.000576
Years	57	58	59	60	61
Labor Hours	.000610	.000670	.000602	.000531	.000568
Material Cost	.006144	.005644	.012037	.003118	.023682
Equipment Hours	.000610	.000670	.000602	.000531	.000568
Years	65	66	67	68	69
Labor Hours	.000486	.000493	.000571	.000517	.000545
Material Cost	.005777	.002336	.007533	.002298	.004128
Equipment Hours	.000486	.000493	.000571	.000517	.000545
Years	73	74	75	76	77
Labor Hours	.000627	.000597	.000578	.000611	.000597
Material Cost	.005496	.012292	.003661	.023555	.006943
Equipment Hours	.000627	.000597	.000578	.000611	.000597
Years	81	82	83	84	85
Labor Hours	.000488	.000488	.000488	.000488	.000488
Material Cost	.000872	.000872	.000872	.000872	.000872
Equipment Hours	.000488	.000488	.000488	.000488	.000488
Years	15	16	17	18	19
Labor Hours	.000517	.000517	.000517	.000517	.000517
Material Cost	.003507	.003507	.003507	.003507	.003507
Equipment Hours	.000517	.000517	.000517	.000517	.000517
Years	23	24	25	26	27
Labor Hours	.000487	.000487	.000487	.000487	.000487
Material Cost	.002254	.002254	.002254	.002254	.002254
Equipment Hours	.000487	.000487	.000487	.000487	.000487
Years	31	32	33	34	35
Labor Hours	.000627	.000627	.000627	.000627	.000627
Material Cost	.023065	.023065	.023065	.023065	.023065
Equipment Hours	.000627	.000627	.000627	.000627	.000627
Years	39	40	41	42	43
Labor Hours	.000564	.000564	.000564	.000564	.000564
Material Cost	.004164	.004164	.004164	.004164	.004164
Equipment Hours	.000564	.000564	.000564	.000564	.000564
Years	47	48	49	50	51
Labor Hours	.000601	.000601	.000601	.000601	.000601
Material Cost	.007153	.007153	.007153	.007153	.007153
Equipment Hours	.000601	.000601	.000601	.000601	.000601
Years	55	56	57	58	59
Labor Hours	.000602	.000602	.000602	.000602	.000602
Material Cost	.005106	.005106	.005106	.005106	.005106
Equipment Hours	.000602	.000602	.000602	.000602	.000602
Years	63	64	65	66	67
Labor Hours	.000497	.000497	.000497	.000497	.000497
Material Cost	.004891	.004891	.004891	.004891	.004891
Equipment Hours	.000497	.000497	.000497	.000497	.000497
Years	71	72	73	74	75
Labor Hours	.000572	.000572	.000572	.000572	.000572
Material Cost	.005089	.005089	.005089	.005089	.005089
Equipment Hours	.000572	.000572	.000572	.000572	.000572
Years	79	80	81	82	83
Labor Hours	.000545	.000545	.000545	.000545	.000545
Material Cost	.004727	.004727	.004727	.004727	.004727
Equipment Hours	.000545	.000545	.000545	.000545	.000545

AMMUNITION STORAGE FACILITIES

Resources Per Square Foot

Task	Description	UM TD		00000000 Total Summary							
		1	2	1	2	3	4	5	6	7	8
Years											
Labor Hours		.003679	.007138			.008697	.008724	.009124	.010545	.011290	.013165
Material Cost		.032003	.058928			.060533	.065361	.069102	.072385	.075303	.082589
Equipment Hours		.002831	.005998			.007244	.007406	.007842	.009050	.009989	.011924
Years											
Labor Hours		.012838	.012093			.013210	.012875	.011076	.019275	.018269	.015318
Material Cost		.082848	.088088			.098785	.096469	.087462	.200270	.115972	.096732
Equipment Hours		.011291	.010606			.011970	.011482	.009773	.016145	.016649	.014004
Years											
Labor Hours		.018206	.016695			.020337	.018637	.017312	.016979	.018079	.020896
Material Cost		.126406	.114576			.145474	.111724	.106763	.100429	.103844	.110700
Equipment Hours		.016422	.014978			.017835	.015949	.015432	.014826	.016103	.019543
Years											
Labor Hours		.025957	.029957			.047697	.038584	.044612	.039100	.045996	.014094
Material Cost		.103768	.197771			.342748	.233006	.272731	.241364	.307065	.111010
Equipment Hours		.013237	.022408			.030181	.025377	.028451	.026812	.029846	.012695
Years											
Labor Hours		.016745	.016187			.012704	.012079	.014845	.016231	.013475	.018788
Material Cost		.131276	.113404			.107069	.103549	.121413	.114732	.107278	.208544
Equipment Hours		.015249	.014384			.011145	.010657	.013111	.014540	.012142	.015290
Years											
Labor Hours		.018473	.016084			.018509	.017987	.017766	.017692	.018204	.019536
Material Cost		.125410	.115049			.118533	.105893	.101407	.107020	.103877	.105275
Equipment Hours		.016104	.014102			.016047	.016302	.016153	.015681	.016450	.017648
Years											
Labor Hours		.018582	.013232			.019051	.019897	.023523	.028752	.038549	.039145
Material Cost		.109037	.101752			.143026	.136992	.216135	.196395	.264017	.259409
Equipment Hours		.016537	.011881			.017567	.017296	.017146	.019958	.024339	.024535
Years											
Labor Hours		.047455	.037697			.049576	.020139	.052665	.014896	.016561	.017339
Material Cost		.287465	.229660			.283993	.127610	.226840	.111466	.104200	.119611
Equipment Hours		.030896	.025311			.032162	.016682	.049546	.012845	.013893	.013460
Years											
Labor Hours		.018500	.018500			.015823	.017077	.015080	.017233	.021084	.022245
Material Cost		.155100	.209837			.115268	.120404	.116670	.124931	.144022	.138151
Equipment Hours		.015944	.014088			.013824	.014398	.013047	.014931	.018783	.018787
Years											
Labor Hours		.020259	.018559			.021381	.038065	.014591	.016246	.028360	.014423
Material Cost		.141252	.121772			.137468	.244224	.113033	.123831	.222779	.120026
Equipment Hours		.017851	.016701			.018629	.026952	.012726	.014159	.021057	.012477

AMMUNITION STORAGE FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001695	.002281	.002906	.002636	.002563	.002990	.002602	.002481
Material Cost	.008277	.011922	.011675	.011635	.013293	.011917	.011415	.011415
Equipment Hours	.000847	.001140	.001453	.001318	.001282	.001495	.001300	.001241
Years	9	10	11	12	13	14	15	16
Labor Hours	.003094	.002974	.002481	.002786	.002465	.006190	.003118	.002600
Material Cost	.011415	.016032	.012005	.011415	.011806	.107455	.014722	.011865
Equipment Hours	.001547	.001487	.001240	.001393	.001232	.003095	.001559	.001300
Years	17	18	19	20	21	22	23	24
Labor Hours	.003411	.003377	.004449	.005240	.003674	.004218	.003852	.002613
Material Cost	.015651	.017070	.025035	.019583	.019136	.013839	.013798	.014677
Equipment Hours	.001705	.001688	.002225	.002624	.001837	.002109	.001926	.001306
Years	25	26	27	28	29	30	31	32
Labor Hours	.003050	.014838	.034904	.026300	.032103	.024492	.031564	.002714
Material Cost	.011794	.079234	.244270	.140561	.173848	.131757	.170410	.011806
Equipment Hours	.001525	.007419	.017452	.013150	.016051	.012246	.015782	.001357
Years	33	34	35	36	37	38	39	40
Labor Hours	.002667	.003359	.002965	.002444	.002861	.003075	.002441	.006638
Material Cost	.013228	.017142	.011794	.012126	.013828	.013731	.011954	.106558
Equipment Hours	.001334	.001679	.001483	.001222	.001430	.001538	.001220	.003319
Years	41	42	43	44	45	46	47	48
Labor Hours	.004262	.003617	.004738	.003156	.003069	.003864	.003275	.003505
Material Cost	.014038	.016748	.016815	.012230	.015070	.020137	.017658	.019226
Equipment Hours	.002131	.001809	.002369	.001578	.001534	.001932	.001637	.001752
Years	49	50	51	52	53	54	55	56
Labor Hours	.003809	.002499	.002648	.002864	.009991	.014308	.027808	.026890
Material Cost	.017455	.011661	.012746	.013659	.107478	.076408	.150348	.144406
Equipment Hours	.001904	.001249	.001324	.001432	.004995	.007154	.013903	.013446
Years	57	58	59	60	61	62	63	64
Labor Hours	.031898	.024593	.031805	.002564	.004371	.003776	.004138	.003764
Material Cost	.171926	.131960	.169876	.011661	.015748	.016912	.013839	.015297
Equipment Hours	.015949	.012296	.015902	.001282	.002185	.001888	.002069	.001882
Years	65	66	67	68	69	70	71	72
Labor Hours	.002709	.006357	.002809	.002894	.002543	.002731	.003363	.002373
Material Cost	.011808	.108611	.012098	.011474	.012028	.011270	.017464	.011865
Equipment Hours	.001354	.003178	.001405	.001446	.001281	.001365	.001682	.001187
Years	73	74	75	76	77	78	79	80
Labor Hours	.002957	.003446	.003573	.003950	.003350	.002592	.010137	.002836
Material Cost	.013828	.017828	.018943	.021264	.016069	.011806	.107535	.013957
Equipment Hours	.001478	.001722	.001786	.001975	.001675	.001296	.005068	.001418

AMMUNITION STORAGE FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
040000 Exterior Closure	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000004	.000005	.000030	.000322	.000673	.001023	.002013	.004065
Material Cost	.000023	.000032	.000235	.000388	.000331	.002345	.005451	.012357
Equipment Hours	.000004	.000005	.000030	.000322	.000673	.001023	.002013	.004065
Years	9	10	11	12	13	14	15	16
Labor Hours	.002793	.002502	.002759	.001350	.000493	.003531	.005817	.003017
Material Cost	.009957	.013251	.017179	.018136	.011881	.024194	.027880	.019279
Equipment Hours	.002793	.002502	.002759	.001350	.000493	.003531	.005817	.003017
Years	17	18	19	20	21	22	23	24
Labor Hours	.004626	.003607	.005635	.005723	.004694	.005247	.006969	.010406
Material Cost	.028551	.023609	.026676	.022094	.015145	.017445	.020383	.025167
Equipment Hours	.004626	.003607	.005635	.005723	.004694	.005247	.006969	.010406
Years	25	26	27	28	29	30	31	32
Labor Hours	.003377	.004338	.003188	.002693	.002964	.004506	.002505	.002476
Material Cost	.012406	.018616	.018112	.012809	.024316	.024546	.017772	.020182
Equipment Hours	.003377	.004338	.003188	.002693	.002964	.004506	.002505	.002476
Years	33	34	35	36	37	38	39	40
Labor Hours	.004888	.003146	.002565	.002311	.004972	.006105	.003897	.004723
Material Cost	.028882	.018039	.016108	.011964	.025120	.027734	.023546	.024616
Equipment Hours	.004815	.003098	.002516	.002263	.004948	.006081	.003897	.004723
Years	41	42	43	44	45	46	47	48
Labor Hours	.003538	.002899	.004106	.005142	.004673	.003452	.005445	.006372
Material Cost	.023985	.023862	.022620	.022089	.017960	.013611	.012122	.007444
Equipment Hours	.003538	.002899	.004106	.005142	.004673	.003452	.005445	.006372
Years	49	50	51	52	53	54	55	56
Labor Hours	.003758	.002947	.004082	.006528	.003937	.003400	.002926	.002778
Material Cost	.007679	.015014	.015919	.029877	.024699	.023821	.023288	.021206
Equipment Hours	.003758	.002947	.004082	.006528	.003937	.003400	.002926	.002778
Years	57	58	59	60	61	62	63	64
Labor Hours	.004979	.004450	.004930	.003953	.004057	.001925	.002169	.000838
Material Cost	.027121	.023637	.020159	.018770	.019896	.016086	.019106	.012640
Equipment Hours	.004979	.004450	.004930	.003953	.004057	.001925	.002169	.000838
Years	65	66	67	68	69	70	71	72
Labor Hours	.004726	.002491	.004039	.004276	.004163	.005149	.007898	.006629
Material Cost	.029063	.019482	.022893	.024414	.025890	.031498	.034973	.025270
Equipment Hours	.004654	.002443	.003991	.004227	.004114	.005149	.007898	.006629
Years	73	74	75	76	77	78	79	80
Labor Hours	.006147	.005607	.006875	.005166	.002750	.003464	.004934	.003271
Material Cost	.020719	.026141	.030972	.057188	.017855	.022135	.023650	.023601
Equipment Hours	.006147	.005607	.006875	.005166	.002750	.003464	.004934	.003271

AMMUNITION STORAGE FACILITIES

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0500000	Interior Construction										
Years	1	2	3	4	5	6	7	8			
Labor Hours	.000000	.000000	.000000	.000010	.000015	.000012	.000010	.000015	.000012	.000000	.000010
Material Cost	.000000	.000000	.000000	.000030	.000059	.000000	.000030	.000059	.000011	.000000	.000030
Equipment Hours	.000000	.000000	.000000	.000010	.000015	.000000	.000010	.000015	.000012	.000000	.000010
Years	9	10	11	12	13	14	15	16			
Labor Hours	.000015	.000012	.000000	.000010	.000027	.000000	.000010	.000027	.000000	.000017	.000010
Material Cost	.000059	.000011	.000000	.000030	.0000970	.000000	.000030	.0000970	.000000	.001907	.000030
Equipment Hours	.000015	.000012	.000000	.000010	.000027	.000000	.000010	.000027	.000000	.000017	.000010
Years	17	18	19	20	21	22	23	24			
Labor Hours	.000027	.000000	.000000	.000022	.000015	.000000	.000000	.000022	.000000	.000000	.000022
Material Cost	.000070	.000000	.000000	.000040	.000059	.000000	.000040	.000059	.000000	.000000	.000040
Equipment Hours	.000027	.000000	.000000	.000022	.000015	.000000	.000022	.000015	.000000	.000000	.000022
Years	25	26	27	28	29	30	31	32			
Labor Hours	.000015	.000000	.000012	.000051	.000032	.000000	.000012	.000032	.000000	.000012	.000000
Material Cost	.000059	.000000	.000011	.001890	.001966	.000000	.000011	.000911	.000000	.000911	.000000
Equipment Hours	.000015	.000000	.000012	.000051	.000032	.000000	.000012	.000032	.000000	.000012	.000000
Years	33	34	35	36	37	38	39	40			
Labor Hours	.000005	.000010	.000010	.000053	.000005	.000010	.000010	.000012	.000010	.000010	.000012
Material Cost	.000030	.000030	.000030	.002771	.000030	.000030	.000030	.000030	.000030	.000030	.000030
Equipment Hours	.000005	.000010	.000010	.000053	.000005	.000010	.000010	.000012	.000010	.000010	.000012
Years	41	42	43	44	45	46	47	48			
Labor Hours	.000005	.000010	.000039	.000000	.000005	.000010	.000022	.000000	.000010	.000022	.000000
Material Cost	.000030	.000030	.002847	.000000	.000030	.000030	.000030	.000040	.000030	.000040	.000000
Equipment Hours	.000005	.000010	.000039	.000000	.000005	.000010	.000022	.000000	.000010	.000022	.000000
Years	49	50	51	52	53	54	55	56			
Labor Hours	.000005	.000022	.000010	.000000	.000005	.000022	.000010	.000000	.000022	.000010	.000000
Material Cost	.000030	.000040	.000030	.000000	.000030	.000040	.000030	.000040	.000030	.000040	.000000
Equipment Hours	.000005	.000022	.000010	.000000	.000005	.000022	.000010	.000000	.000022	.000010	.000000
Years	57	58	59	60	61	62	63	64			
Labor Hours	.000033	.000051	.000010	.000000	.000016	.000000	.000000	.000010	.000000	.000000	.000010
Material Cost	.002847	.001890	.000000	.000000	.000040	.000000	.000000	.000030	.000000	.000000	.000030
Equipment Hours	.000033	.000051	.000010	.000000	.000016	.000000	.000000	.000010	.000000	.000000	.000010
Years	65	66	67	68	69	70	71	72			
Labor Hours	.000015	.000053	.000000	.000010	.000015	.000012	.000017	.000010	.000012	.000017	.000010
Material Cost	.000059	.002771	.000000	.000030	.000059	.0000911	.001907	.000030	.0000911	.001907	.000030
Equipment Hours	.000015	.000053	.000000	.000010	.000015	.000012	.000017	.000010	.000012	.000017	.000010
Years	73	74	75	76	77	78	79	80			
Labor Hours	.000027	.000000	.000000	.000010	.000027	.000000	.000000	.000022	.000000	.000000	.000022
Material Cost	.000070	.000000	.000000	.000030	.0000970	.000000	.000000	.000040	.000000	.000000	.000040
Equipment Hours	.000027	.000000	.000000	.000010	.000027	.000000	.000000	.000040	.000000	.000000	.000022

AMMUNITION STORAGE FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.001479	.002953	.002860	.002860	.002953	.003504	.003687	.003597
Material Cost	.022182	.041990	.040336	.040336	.041990	.044557	.045338	.045277
Equipment Hours	.001479	.002953	.002860	.002860	.002953	.003504	.003687	.003597
Years	9	10	11	12	13	14	15	16
Labor Hours	.003953	.003604	.004715	.005580	.004581	.006302	.005981	.006407
Material Cost	.048691	.045444	.048912	.047319	.043430	.047695	.048302	.047784
Equipment Hours	.003953	.003604	.004715	.005580	.004581	.006302	.005981	.006407
Years	17	18	19	20	21	22	23	24
Labor Hours	.006805	.006474	.006973	.004393	.004920	.004354	.003970	.004599
Material Cost	.058926	.052997	.073860	.053195	.051546	.053832	.049907	.055964
Equipment Hours	.006805	.006474	.006973	.004393	.004920	.004354	.003970	.004599
Years	25	26	27	28	29	30	31	32
Labor Hours	.004863	.007400	.006253	.006218	.006127	.006747	.007544	.005561
Material Cost	.056905	.074120	.054344	.057516	.048459	.055900	.050792	.047309
Equipment Hours	.004863	.007321	.006253	.006218	.006127	.006747	.007544	.005561
Years	33	34	35	36	37	38	39	40
Labor Hours	.005619	.006223	.003782	.003691	.003632	.003501	.003627	.003690
Material Cost	.050132	.048235	.046594	.046944	.060017	.045667	.046511	.046951
Equipment Hours	.005619	.006223	.003782	.003691	.003632	.003501	.003627	.003690
Years	41	42	43	44	45	46	47	48
Labor Hours	.006150	.006220	.006091	.006299	.006669	.007054	.006013	.006170
Material Cost	.060500	.054075	.056538	.054173	.050538	.055410	.051348	.056774
Equipment Hours	.006150	.006153	.006091	.006299	.006669	.007054	.006013	.006170
Years	49	50	51	52	53	54	55	56
Labor Hours	.007434	.004315	.008288	.006873	.006156	.007462	.004118	.005824
Material Cost	.057852	.052720	.075487	.067013	.060279	.069754	.063273	.057550
Equipment Hours	.007434	.004315	.008209	.005825	.004847	.005983	.003902	.004776
Years	57	58	59	60	61	62	63	64
Labor Hours	.007003	.005149	.008981	.010231	.039332	.005697	.006770	.009252
Material Cost	.055424	.047098	.061325	.068634	.129342	.047830	.051836	.065953
Equipment Hours	.006479	.005149	.007665	.008129	.038808	.005697	.006346	.007419
Years	65	66	67	68	69	70	71	72
Labor Hours	.007765	.006156	.005596	.006412	.004698	.005831	.006099	.009498
Material Cost	.071506	.061063	.060950	.063387	.053715	.060866	.058790	.073922
Equipment Hours	.006380	.005102	.005172	.005365	.004174	.005045	.005674	.007395
Years	73	74	75	76	77	78	79	80
Labor Hours	.007273	.005958	.007281	.024233	.004797	.006675	.009743	.004637
Material Cost	.079250	.053547	.061709	.136520	.048267	.061872	.068962	.050919
Equipment Hours	.006533	.005958	.006495	.016331	.004797	.005941	.007641	.004213

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 UM = Unit of Measure ID
 TD = Trade ID

AMMUNITION STORAGE FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing		UM TD						
		2 3						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000000	.000018	.000025	.000018	.000025	.000037	.000025	.000019
Material Cost	.000000	.000005	.000012	.000005	.000012	.000021	.000012	.000006
Equipment Hours	.000000	.000018	.000025	.000018	.000025	.000037	.000025	.000019
Years	9	10	11	12	13	14	15	16
Labor Hours	.000025	.000022	.000060	.000018	.000036	.000018	.000026	.000051
Material Cost	.000012	.000010	.000388	.000005	.000032	.000005	.000013	.000187
Equipment Hours	.000025	.000022	.000060	.000018	.000031	.000018	.000026	.000051
Years	17	18	19	20	21	22	23	24
Labor Hours	.000025	.000020	.000025	.000018	.0000754	.000019	.000027	.000018
Material Cost	.000012	.000117	.000012	.000005	.003913	.000006	.000124	.000005
Equipment Hours	.000025	.000020	.000025	.000018	.0000754	.000019	.000027	.000018
Years	25	26	27	28	29	30	31	32
Labor Hours	.000036	.000037	.000025	.000018	.000026	.000022	.000074	.000018
Material Cost	.000032	.000021	.000012	.000005	.000013	.000010	.000553	.000005
Equipment Hours	.000031	.000037	.000025	.000018	.000026	.000022	.000074	.000018
Years	33	34	35	36	37	38	39	40
Labor Hours	.000025	.000018	.000025	.000086	.000029	.000027	.000018	.000025
Material Cost	.000012	.000005	.000012	.000129	.000025	.000124	.000005	.000012
Equipment Hours	.000025	.000018	.000025	.000051	.000023	.000027	.000018	.000025
Years	41	42	43	44	45	46	47	48
Labor Hours	.001087	.000025	.000022	.000025	.000018	.000055	.000018	.000025
Material Cost	.005710	.000012	.000118	.000012	.000005	.000379	.000005	.000012
Equipment Hours	.000907	.000025	.000022	.000025	.000018	.000055	.000018	.000025
Years	49	50	51	52	53	54	55	56
Labor Hours	.000029	.000030	.000056	.000025	.000018	.000025	.000018	.000057
Material Cost	.000025	.000018	.000196	.000012	.000005	.000012	.000005	.000380
Equipment Hours	.000023	.000030	.000056	.000025	.000018	.000025	.000018	.000057
Years	57	58	59	60	61	62	63	64
Labor Hours	.000019	.000027	.000018	.000025	.000746	.000025	.000020	.000026
Material Cost	.000006	.000124	.000005	.000012	.003574	.000012	.000117	.000013
Equipment Hours	.000019	.000027	.000018	.000025	.000740	.000025	.000020	.000026
Years	65	66	67	68	69	70	71	72
Labor Hours	.000018	.000069	.000018	.000025	.000018	.000029	.000090	.000018
Material Cost	.000005	.000045	.000005	.000012	.000005	.000017	.001437	.000005
Equipment Hours	.000018	.000069	.000018	.000025	.000018	.000029	.000057	.000018
Years	73	74	75	76	77	78	79	80
Labor Hours	.000036	.000018	.000025	.001232	.000025	.000022	.000025	.000018
Material Cost	.000032	.000005	.000012	.001971	.000012	.000118	.000012	.000005
Equipment Hours	.000031	.000018	.000025	.000635	.000025	.000022	.000025	.000018

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Resources Per Square Foot

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AMMUNITION STORAGE FACILITIES

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
1100000	Interior Electrical								
Years									
Labor Hours	.000476	.001756	.002758	.002747	.002776	.002846	.002845	.002845	.002860
Material Cost	.001521	.004678	.008242	.010400	.010386	.011967	.012854	.012937	.012937
Equipment Hours	.000476	.001756	.002758	.002747	.002776	.002846	.002845	.002845	.002860
Years									
Labor Hours	.002834	.002848	.003049	.002999	.003344	.003103	.003180	.003108	.003108
Material Cost	.012672	.011874	.017591	.018997	.019292	.020352	.022580	.017287	.017287
Equipment Hours	.002834	.002848	.003049	.002999	.003344	.003103	.003180	.003108	.003108
Years									
Labor Hours	.003152	.003081	.003124	.003115	.003123	.003023	.003120	.003120	.003120
Material Cost	.019307	.018828	.019333	.015875	.016396	.015275	.017169	.013914	.013914
Equipment Hours	.003074	.003052	.003063	.003050	.003079	.002979	.003070	.003074	.003074
Years									
Labor Hours	.003312	.003187	.003184	.003186	.003222	.003215	.004172	.003173	.003173
Material Cost	.018308	.023051	.024531	.020194	.023551	.029120	.066327	.028731	.028731
Equipment Hours	.003269	.003140	.003119	.003128	.003161	.003198	.003854	.003155	.003155
Years									
Labor Hours	.003358	.003300	.003210	.003362	.003221	.003362	.003351	.003351	.003351
Material Cost	.023023	.029386	.029340	.027748	.022352	.024955	.025181	.028948	.028948
Equipment Hours	.003297	.003224	.003196	.003244	.003165	.003232	.003245	.003389	.003389
Years									
Labor Hours	.003285	.003181	.003386	.003234	.003203	.003131	.003279	.003346	.003346
Material Cost	.018435	.019754	.017665	.016820	.017234	.017154	.018825	.021788	.021788
Equipment Hours	.003227	.003074	.003293	.003127	.003110	.003052	.003163	.003211	.003211
Years									
Labor Hours	.003408	.003301	.003823	.003490	.003276	.003377	.003338	.003449	.003449
Material Cost	.025420	.021366	.037842	.026398	.023050	.021731	.026506	.033156	.033156
Equipment Hours	.003273	.003200	.003748	.003368	.003203	.003229	.003448	.003331	.003331
Years									
Labor Hours	.003384	.003291	.003701	.003248	.004019	.003320	.003324	.003289	.003289
Material Cost	.029562	.022994	.032231	.028501	.057040	.027648	.017353	.021949	.021949
Equipment Hours	.003296	.003201	.003504	.003176	.003639	.003206	.003180	.003164	.003164
Years									
Labor Hours	.003545	.003242	.003242	.003328	.003699	.003351	.003471	.003585	.003585
Material Cost	.026717	.016797	.019290	.020519	.024930	.019801	.026741	.026491	.026491
Equipment Hours	.003377	.003112	.003120	.003192	.003319	.003200	.003310	.003416	.003416
Years									
Labor Hours	.003691	.003388	.003498	.003350	.003483	.003357	.003391	.003520	.003520
Material Cost	.026393	.023147	.025781	.026951	.026873	.025945	.022052	.030572	.030572
Equipment Hours	.003508	.003253	.003324	.003274	.003293	.003299	.003258	.003416	.003416

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UM = Unit of Measure ID
TD = Trade ID

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AMMUNITION STORAGE FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	UM ID	UM ID	UM ID	UM ID	UM ID	UM ID	UM ID	UM ID
2	2	2	2	2	2	2	2	2
Years	.000025	.000056	.000049	.000062	.000049	.000062	.000049	.000062
Labor Hours	.000000	.000268	.000000	.000535	.000000	.000535	.000000	.000535
Material Cost	.000025	.000056	.000049	.000062	.000049	.000062	.000049	.000062
Equipment Hours								
Years	.000056	.000062	.000077	.000062	.000049	.000062	.000049	.000062
Labor Hours	.000010	.000535	.002678	.000535	.000000	.000535	.000000	.000535
Material Cost	.000056	.000062	.000077	.000062	.000049	.000062	.000049	.000062
Equipment Hours								
Years	.000090	.000058	.000062	.000049	.000062	.000049	.000062	.000049
Labor Hours	.000090	.000027	.000535	.000000	.000535	.000000	.000535	.000000
Material Cost	.000090	.000058	.000062	.000049	.000062	.000049	.000062	.000049
Equipment Hours								
Years	.000062	.000077	.000062	.000049	.000062	.000049	.000062	.000049
Labor Hours	.000035	.000268	.000535	.000000	.000535	.000000	.000535	.000000
Material Cost	.000062	.000077	.000062	.000049	.000062	.000049	.000062	.000049
Equipment Hours								
Years	.000058	.000062	.000049	.000062	.000056	.000071	.000049	.000062
Labor Hours	.000027	.000535	.000000	.000535	.000010	.000563	.000000	.000535
Material Cost	.000058	.000062	.000049	.000062	.000056	.000071	.000049	.000062
Equipment Hours								
Years	.000077	.000062	.000049	.000062	.000049	.000056	.000049	.000062
Labor Hours	.002678	.000535	.000000	.000535	.000000	.00268	.002946	.000000
Material Cost	.000077	.000062	.000049	.000062	.000049	.000056	.000049	.000062
Equipment Hours								
Years	.000069	.000049	.000062	.000049	.000071	.000049	.000062	.000049
Labor Hours	.000545	.000000	.000535	.000000	.000563	.000000	.000535	.000000
Material Cost	.000069	.000049	.000062	.000049	.000071	.000049	.000062	.000049
Equipment Hours								
Years	.000069	.000058	.000062	.000049	.000056	.000083	.000049	.000062
Labor Hours	.000545	.000027	.000535	.000000	.000563	.000000	.000535	.000000
Material Cost	.000069	.000049	.000062	.000049	.000071	.000049	.000062	.000049
Equipment Hours								
Years	.000049	.000062	.000049	.000062	.000056	.000083	.000049	.000062
Labor Hours	.000049	.000535	.000000	.000535	.000010	.000563	.000000	.000535
Material Cost	.000049	.000062	.000049	.000062	.000056	.000083	.000049	.000062
Equipment Hours								
Years	.000058	.000062	.000049	.000062	.000056	.000083	.000049	.000062
Labor Hours	.000027	.000535	.000000	.000535	.000010	.000563	.000000	.000535
Material Cost	.000058	.000062	.000049	.000062	.000056	.000083	.000049	.000062
Equipment Hours								
Years	.000058	.000062	.000049	.000062	.000056	.000083	.000049	.000062
Labor Hours	.000027	.000535	.000000	.000535	.000010	.000563	.000000	.000535
Material Cost	.000058	.000062	.000049	.000062	.000056	.000083	.000049	.000062
Equipment Hours								

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 UM = Unit of Measure ID
 TD = Trade ID

COLD STORAGE FACILITIES

Resources Per Square Foot

Task	Description	UM	TD	2	1
0000000	Total Summary				
Years		1	2	3	4
Labor Hours		.006809	.020821	.02599	.02415
Material Cost		.042222	.089106	.092964	.096620
Equipment Hours		.005224	.016207	.017488	.018545
Years		9	10	11	12
Labor Hours		.032877	.024239	.027340	.030489
Material Cost		.203080	.185455	.337965	.720590
Equipment Hours		.026922	.019372	.022270	.023383
Years		17	18	19	20
Labor Hours		.033956	.031529	.041032	.030625
Material Cost		.697938	.966397	1.014998	.769401
Equipment Hours		.026542	.024408	.030650	.023784
Years		25	26	27	28
Labor Hours		.037698	.037841	.058317	.038673
Material Cost		.340890	.985115	.867831	1.355689
Equipment Hours		.029828	.029198	.038817	.028024
Years		33	34	35	36
Labor Hours		.040655	.034620	.027818	.034355
Material Cost		1.084239	1.163826	.619009	1.171676
Equipment Hours		.032172	.025133	.021130	.024092
Years		41	42	43	44
Labor Hours		.046048	.037302	.032615	.035051
Material Cost		.447225	.332429	.456715	.864782
Equipment Hours		.036700	.028534	.026905	.025777
Years		49	50	51	52
Labor Hours		.036109	.031069	.041570	.041522
Material Cost		.780612	.789772	1.256466	.938805
Equipment Hours		.028019	.023976	.031157	.032261
Years		57	58	59	60
Labor Hours		.049256	.032277	.049947	.038513
Material Cost		1.289509	.764309	1.164523	.914611
Equipment Hours		.037235	.026148	.032794	.030980
Years		65	66	67	68
Labor Hours		.042663	.041997	.038813	.033045
Material Cost		1.225276	1.212923	.582448	1.313932
Equipment Hours		.031852	.028376	.029119	.023603
Years		73	74	75	76
Labor Hours		.048297	.032403	.035781	.114961
Material Cost		.949421	.374445	.276590	1.212360
Equipment Hours		.038154	.025579	.029511	.075897
Years		80	79	78	77
Labor Hours		.048104	.057549	.06168	.034922
Material Cost		1.066337	1.478901	1.419480	.553078
Equipment Hours		.031579	.036475	.040759	.026525
Years		88	87	86	85
Labor Hours		.031341	.026693	.024697	.024612
Material Cost		.176154	.144611	.147686	.107691
Equipment Hours		.026449	.021786	.019527	.019802
Years		16	15	14	13
Labor Hours		.056514	.041867	.040583	.034171
Material Cost		.898972	.872254	.862104	.702441
Equipment Hours		.049284	.031606	.028609	.027154
Years		24	23	22	21
Labor Hours		.034777	.035532	.028735	.050533
Material Cost		.297737	.786971	.706239	1.264859
Equipment Hours		.029461	.026239	.022308	.038903
Years		32	31	30	29
Labor Hours		.031890	.060547	.046509	.037197
Material Cost		1.052240	1.472106	1.474356	.927541
Equipment Hours		.023630	.051515	.031661	.027530
Years		40	39	38	37
Labor Hours		.044541	.029007	.038767	.036395
Material Cost		1.046253	.628386	.759230	1.034297
Equipment Hours		.030882	.021451	.031405	.027481
Years		48	47	46	45
Labor Hours		.036720	.046518	.043274	.038834
Material Cost		.970959	.813483	.905780	.585521
Equipment Hours		.029966	.039150	.034746	.031445
Years		56	55	54	53
Labor Hours		.029900	.034314	.035308	.050349
Material Cost		.306247	.990243	.598453	1.706165
Equipment Hours		.023152	.025252	.024840	.037719
Years		64	63	62	61
Labor Hours		.031676	.037183	.037580	.066972
Material Cost		.672624	1.372775	.810492	1.593509
Equipment Hours		.024675	.027638	.027636	.056013
Years		72	71	70	69
Labor Hours		.028810	.039855	.039584	.030717
Material Cost		.337542	.458000	.807682	.742226
Equipment Hours		.023292	.032202	.027410	.023108
Years		80	79	78	77
Labor Hours		.048104	.057549	.06168	.034922
Material Cost		1.066337	1.478901	1.419480	.553078
Equipment Hours		.031579	.036475	.040759	.026525

COLD STORAGE FACILITIES

Resources Per Square Foot

Task Description	UM ID	2	17
030000 Roofing			
Years	1	2	3
Labor Hours	.003170	.004109	.005104
Material Cost	.016525	.025927	.027863
Equipment Hours	.001585	.002055	.002552
Years	9	10	11
Labor Hours	.005589	.004460	.004329
Material Cost	.025927	.025927	.027416
Equipment Hours	.002795	.002230	.002165
Years	17	18	19
Labor Hours	.006367	.004461	.007646
Material Cost	.039857	.027403	.039847
Equipment Hours	.003184	.002231	.003824
Years	25	26	27
Labor Hours	.008714	.005601	.028443
Material Cost	.069627	.040161	.341593
Equipment Hours	.004358	.002801	.014222
Years	33	34	35
Labor Hours	.005120	.005704	.004894
Material Cost	.025927	.038581	.025927
Equipment Hours	.002560	.002853	.002447
Years	41	42	43
Labor Hours	.007903	.009372	.005098
Material Cost	.091265	.107180	.027843
Equipment Hours	.003952	.004686	.002549
Years	49	50	51
Labor Hours	.004798	.003941	.007926
Material Cost	.025927	.021481	.071846
Equipment Hours	.002399	.001971	.003963
Years	57	58	59
Labor Hours	.004329	.004529	.012542
Material Cost	.025927	.027112	.126317
Equipment Hours	.002165	.002265	.006271
Years	65	66	67
Labor Hours	.006079	.016208	.006429
Material Cost	.069299	.338346	.07234
Equipment Hours	.003039	.008104	.003215
Years	73	74	75
Labor Hours	.008580	.006473	.001922
Material Cost	.125562	.030383	.070812
Equipment Hours	.004290	.003236	.002462
Years	8	6	5
Labor Hours	.004403	.005024	.004205
Material Cost	.025927	.027416	.025927
Equipment Hours	.002201	.002512	.002103
Years	16	14	13
Labor Hours	.004584	.016148	.004145
Material Cost	.027416	.338043	.025927
Equipment Hours	.002292	.008075	.002073
Years	24	22	21
Labor Hours	.004514	.004240	.009444
Material Cost	.028523	.025927	.092735
Equipment Hours	.002257	.002121	.004722
Years	32	30	29
Labor Hours	.004301	.012630	.004301
Material Cost	.025927	.126317	.025927
Equipment Hours	.002151	.006316	.002151
Years	40	38	37
Labor Hours	.016088	.006016	.004336
Material Cost	.338043	.027788	.025927
Equipment Hours	.008045	.003009	.002168
Years	48	46	45
Labor Hours	.004453	.006438	.006405
Material Cost	.025927	.039900	.039922
Equipment Hours	.002227	.003220	.003203
Years	56	54	53
Labor Hours	.007640	.008102	.028647
Material Cost	.042021	.072223	.341593
Equipment Hours	.003821	.004051	.014324
Years	64	62	61
Labor Hours	.004999	.008221	.005940
Material Cost	.026587	.074514	.038334
Equipment Hours	.002500	.004111	.002970
Years	72	70	69
Labor Hours	.004566	.005150	.004634
Material Cost	.028788	.027603	.027843
Equipment Hours	.002283	.002575	.002317
Years	80	78	77
Labor Hours	.008270	.004826	.008096
Material Cost	.073477	.025927	.070812
Equipment Hours	.004135	.002414	.004048

COLD STORAGE FACILITIES
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
040000 Exterior Closure	UM TD	2 1						
Years								
Labor Hours	.000041	.000074	.000087	.000377	.000456	.000898	.002963	.006943
Material Cost	.000230	.000370	.000430	.000345	.000364	.000902	.010024	.022043
Equipment Hours	.000041	.000074	.000087	.000377	.000456	.000898	.002963	.006943
Years								
Labor Hours	.002753	.000448	.001269	.000837	.000300	.002489	.004466	.005626
Material Cost	.012296	.005349	.010402	.011873	.005395	.013818	.020046	.016942
Equipment Hours	.002753	.000448	.001269	.000837	.000300	.002489	.004466	.005626
Years								
Labor Hours	.002179	.000875	.005177	.002505	.004463	.002992	.005501	.009457
Material Cost	.014554	.005875	.010569	.010509	.010379	.010761	.020464	.015297
Equipment Hours	.002155	.000875	.005177	.002505	.004463	.002992	.005501	.009457
Years								
Labor Hours	.002631	.003790	.003608	.000638	.002499	.002046	.004156	.001427
Material Cost	.014296	.016972	.017068	.006070	.013422	.014185	.014545	.014316
Equipment Hours	.002631	.003790	.003608	.000638	.002499	.002046	.004156	.001427
Years								
Labor Hours	.003158	.002077	.001078	.002447	.002034	.009358	.000394	.003095
Material Cost	.021000	.007563	.007896	.013190	.015909	.026439	.009378	.019084
Equipment Hours	.003134	.002077	.001078	.002447	.002034	.009358	.000394	.003095
Years								
Labor Hours	.003542	.004851	.002398	.003142	.005133	.003064	.005519	.005402
Material Cost	.015943	.053120	.020689	.016520	.022838	.021215	.018262	.016273
Equipment Hours	.003542	.003949	.002398	.003117	.005133	.003064	.005519	.005402
Years								
Labor Hours	.002634	.003383	.001941	.008636	.002212	.000624	.000559	.001022
Material Cost	.020218	.025305	.017567	.030735	.015062	.015993	.011315	.010939
Equipment Hours	.002634	.003359	.001941	.008636	.002212	.000624	.000559	.001022
Years								
Labor Hours	.008852	.001915	.003029	.004999	.000712	.002992	.000609	.002484
Material Cost	.027243	.012514	.015522	.011901	.004233	.011300	.012143	.016453
Equipment Hours	.008852	.001890	.003029	.004999	.000712	.002992	.000609	.002484
Years								
Labor Hours	.005936	.001791	.005290	.001120	.000622	.001150	.009348	.003112
Material Cost	.028163	.021323	.029037	.020685	.025710	.016931	.043174	.019781
Equipment Hours	.005936	.001766	.005290	.001120	.000622	.001150	.009324	.003112
Years								
Labor Hours	.004382	.004274	.005941	.001106	.003327	.005089	.002561	.001142
Material Cost	.033488	.028088	.031402	.021617	.017844	.032572	.030139	.014059
Equipment Hours	.004382	.004274	.005741	.001106	.003327	.005089	.002561	.001142

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 UM = Unit of Measure ID
 TD = Trade ID

COLD STORAGE FACILITIES

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0500000	Interior Construction										
Years											
Labor Hours	.000001	.000001	.000012	.000178	.000210	.000025	.000035	.000407			
Material Cost	.000006	.000011	.000041	.000679	.002531	.001838	.001867	.005411			
Equipment Hours	.000001	.000001	.000012	.000178	.000210	.000025	.000035	.000407			
Years											
Labor Hours	.000244	.000159	.000184	.000328	.000308	.000151	.000379	.000265			
Material Cost	.000015	.013449	.011349	.01450	.011495	.010958	.014768	.007894			
Equipment Hours	.000244	.000159	.000184	.000328	.000308	.000151	.000379	.000265			
Years											
Labor Hours	.000279	.000129	.000141	.000272	.000260	.000307	.000156	.000224			
Material Cost	.007981	.008290	.006258	.011350	.007188	.009289	.011774	.007697			
Equipment Hours	.000279	.000129	.000126	.000272	.000260	.000307	.000156	.000224			
Years											
Labor Hours	.000442	.000281	.000145	.000330	.000574	.000237	.000244	.000341			
Material Cost	.015606	.011089	.009725	.012501	.014158	.014754	.013796	.016089			
Equipment Hours	.000442	.000281	.000145	.000330	.000574	.000237	.000244	.000309			
Years											
Labor Hours	.000247	.000399	.000192	.000510	.000411	.000337	.000262	.000212			
Material Cost	.010445	.018838	.004871	.015920	.018005	.013711	.01642	.010404			
Equipment Hours	.000247	.000368	.000192	.000479	.000411	.000291	.000262	.000212			
Years											
Labor Hours	.000365	.000158	.000515	.000176	.000257	.000159	.000791	.000704			
Material Cost	.016695	.006612	.015144	.005952	.010752	.006624	.018866	.017165			
Equipment Hours	.000365	.000158	.000483	.000176	.000226	.000159	.000459	.000404			
Years											
Labor Hours	.000755	.000353	.000681	.002134	.001135	.001083	.000794	.000234			
Material Cost	.018295	.010151	.014457	.027579	.024820	.022284	.021743	.010302			
Equipment Hours	.000424	.000353	.000381	.001079	.000535	.000483	.000493	.000219			
Years											
Labor Hours	.002200	.000269	.001174	.000668	.000770	.001571	.000614	.000905			
Material Cost	.038172	.009778	.024210	.017957	.022627	.032932	.017675	.018463			
Equipment Hours	.000998	.000269	.000574	.000368	.000470	.000670	.000314	.000605			
Years											
Labor Hours	.001205	.000742	.001021	.000749	.001182	.000571	.001593	.000757			
Material Cost	.022944	.021784	.020863	.016510	.018292	.012396	.025349	.016101			
Equipment Hours	.000605	.000441	.000421	.000449	.000582	.000270	.000692	.000425			
Years											
Labor Hours	.001446	.000710	.001051	.000793	.001274	.000792	.001031	.000664			
Material Cost	.029813	.021726	.024054	.018841	.021133	.016828	.019894	.013402			
Equipment Hours	.000845	.000363	.000451	.000461	.000673	.000460	.000431	.000364			

COLD STORAGE FACILITIES
 Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1									
Labor Hours	.000319	.003475	.003475	.003475	.003475	.003475	.003475	.003475	.003781	.003475
Material Cost	.001293	.020731	.020731	.020731	.020731	.020731	.020731	.020731	.020988	.020731
Equipment Hours	.000319	.003475	.003475	.003475	.003475	.003475	.003475	.003475	.003781	.003475
Years	9	10	11	12	13	14	15	16		
Labor Hours	.006755	.003561	.004407	.003475	.008732	.003475	.006834	.025824		
Material Cost	.041762	.023926	.023196	.020731	.028598	.020731	.022439	.032079		
Equipment Hours	.006374	.003561	.004407	.003475	.008732	.003475	.006834	.025824		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.006307	.007282	.009544	.003475	.008862	.003475	.003923	.003475		
Material Cost	.059490	.024711	.342762	.020731	.099891	.020731	.023003	.020731		
Equipment Hours	.005926	.007282	.007670	.003475	.008544	.003475	.003923	.003475		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.007491	.009337	.003475	.007368	.003927	.006834	.027450	.003475		
Material Cost	.066744	.306378	.020731	.027906	.023252	.022439	.043166	.020731		
Equipment Hours	.007109	.008133	.003475	.007368	.003927	.006834	.027450	.003475		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.010309	.003915	.003475	.003475	.009187	.004977	.003923	.003475		
Material Cost	.134231	.023680	.020731	.020731	.336428	.030695	.023003	.020731		
Equipment Hours	.009610	.003915	.003475	.003475	.007372	.004917	.003923	.003475		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.009603	.004928	.007588	.003475	.007473	.013629	.016392	.007282		
Material Cost	.043470	.021932	.024988	.020731	.096398	.102479	.027236	.024711		
Equipment Hours	.009221	.004928	.007588	.003475	.007156	.013311	.016392	.007282		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.007268	.004146	.009885	.005497	.003927	.003475	.008976	.003595		
Material Cost	.062360	.027388	.264238	.081685	.023252	.020731	.335838	.025382		
Equipment Hours	.006886	.004146	.008873	.005305	.003927	.003475	.007162	.003535		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.006307	.007918	.010893	.006834	.030585	.004884	.008216	.003561		
Material Cost	.059490	.098421	.055558	.022439	.049410	.021782	.02752	.023926		
Equipment Hours	.005926	.007600	.007408	.006834	.030325	.004884	.008216	.003561		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.006307	.003475	.003781	.003926	.003927	.014557	.004721	.003519		
Material Cost	.059490	.020731	.020988	.023007	.023252	.020802	.087259	.020902		
Equipment Hours	.005926	.003475	.003781	.003926	.003927	.009477	.004498	.003519		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.015239	.004266	.007161	.069084	.003479	.029325	.003781	.013922		
Material Cost	.382782	.032039	.025154	.260371	.020980	.177585	.020988	.134323		
Equipment Hours	.013031	.004206	.007161	.047065	.003479	.018000	.003781	.009159		

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COLD STORAGE FACILITIES

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
08000000	Plumbing										
Years											
1	.000095	.000490	.000785	.001625	.001824	.001058	.000925	.000925	.001058	.000925	.002067
Labor Hours	.000062	.000305	.000498	.000942	.000869	.000779	.001278	.000543	.000779	.001278	.004543
Material Cost	.000095	.000490	.000785	.001544	.001750	.001058	.000919	.000919	.001058	.000919	.001993
Equipment Hours											
Years											
9	.002057	.001099	.001376	.001728	.002051	.001336	.001256	.001256	.001336	.001256	.002326
Labor Hours	.012394	.011309	.028117	.011388	.007866	.006213	.006044	.006044	.006213	.006044	.097002
Material Cost	.001975	.001085	.001318	.001647	.001820	.001333	.001227	.001227	.001333	.001227	.002168
Equipment Hours											
Years											
17	.001952	.000983	.001186	.002420	.006570	.001049	.001204	.001204	.001049	.001204	.001845
Labor Hours	.004925	.006237	.014432	.015494	.056773	.076586	.010696	.010696	.076586	.010696	.007269
Material Cost	.001878	.000983	.001172	.002335	.006387	.001015	.001175	.001175	.001015	.001175	.001771
Equipment Hours											
Years											
25	.002387	.001424	.005273	.001723	.002035	.001375	.001948	.002016	.001375	.001948	.002016
Labor Hours	.009071	.006551	.036114	.048748	.018873	.015567	.0102180	.055158	.015567	.0102180	.055158
Material Cost	.002158	.001297	.003313	.001646	.001924	.001276	.001740	.001959	.001276	.001740	.001959
Equipment Hours											
Years											
33	.002076	.001608	.001082	.001738	.002110	.001101	.001001	.001001	.001101	.001001	.001511
Labor Hours	.008423	.011942	.012456	.021841	.016741	.008125	.013973	.049601	.008125	.013973	.049601
Material Cost	.001924	.001459	.001016	.001613	.001804	.001004	.000960	.003194	.001004	.000960	.003194
Equipment Hours											
Years											
41	.008477	.002880	.001111	.001771	.002172	.001821	.001648	.001683	.001821	.001648	.001683
Labor Hours	.070971	.027609	.008327	.007618	.010648	.072663	.105299	.010633	.072663	.105299	.010633
Material Cost	.006226	.002415	.001054	.001754	.002022	.001600	.001538	.001679	.001600	.001538	.001679
Equipment Hours											
Years											
49	.002245	.001226	.001599	.001696	.002060	.005331	.001377	.002043	.005331	.001377	.002043
Labor Hours	.022733	.013480	.030892	.015436	.071428	.033064	.006766	.008578	.033064	.006766	.008578
Material Cost	.002014	.001138	.001420	.001673	.001915	.003453	.001297	.002043	.003453	.001297	.002043
Equipment Hours											
Years											
57	.001660	.001381	.001366	.002292	.005402	.002412	.001364	.001932	.002412	.001364	.001932
Labor Hours	.007119	.012232	.015493	.015976	.108111	.049582	.012251	.012531	.049582	.012251	.012531
Material Cost	.001660	.001239	.001258	.002285	.005169	.002305	.001224	.001877	.002305	.001224	.001877
Equipment Hours											
Years											
65	.001757	.001622	.005429	.001945	.001814	.001372	.001461	.001829	.001372	.001461	.001829
Labor Hours	.007842	.019598	.032770	.010921	.019733	.019670	.041231	.083617	.019670	.041231	.083617
Material Cost	.001751	.001428	.003528	.001922	.001755	.001175	.001156	.001749	.001175	.001156	.001749
Equipment Hours											
Years											
73	.001921	.001468	.001638	.020304	.001616	.001073	.002824	.005274	.001073	.002824	.005274
Labor Hours	.012096	.007505	.017293	.103210	.037418	.075910	.021434	.041390	.075910	.021434	.041390
Material Cost	.001721	.001360	.001418	.011090	.001567	.000980	.002002	.003355	.000980	.002002	.003355
Equipment Hours											

COLD STORAGE FACILITIES

Resources Per Square Foot

Task Description	UM	TD	2	9
0900000 HVAC				
Years	1	2	3	4
Labor Hours	.002357	.009895	.009937	.009910
Material Cost	.04106	.041615	.04622	.041633
Equipment Hours	.002357	.007335	.007378	.007350
Years	9	10	11	12
Labor Hours	.011050	.010244	.010762	.013030
Material Cost	.052428	.050086	.125701	.536918
Equipment Hours	.008399	.007667	.007972	.008436
Years	17	18	19	20
Labor Hours	.012532	.013087	.013022	.012628
Material Cost	.319088	.615650	.544026	.590292
Equipment Hours	.008828	.008370	.008423	.008547
Years	25	26	27	28
Labor Hours	.011424	.013003	.011236	.015402
Material Cost	.104586	.522614	.257919	.895897
Equipment Hours	.008539	.008573	.008181	.009062
Years	33	34	35	36
Labor Hours	.014228	.015083	.012342	.015709
Material Cost	.609550	.860664	.450548	.967318
Equipment Hours	.009386	.008904	.008249	.009040
Years	41	42	43	44
Labor Hours	.011202	.010553	.010994	.015590
Material Cost	.098254	.073969	.123421	.645412
Equipment Hours	.008446	.007873	.008066	.008726
Years	49	50	51	52
Labor Hours	.013987	.013610	.013449	.014288
Material Cost	.568778	.579196	.707014	.676298
Equipment Hours	.009318	.008677	.008579	.008730
Years	57	58	59	60
Labor Hours	.019943	.010711	.015975	.013223
Material Cost	.939528	.142479	.852244	.596759
Equipment Hours	.011930	.007761	.009348	.008414
Years	65	66	67	68
Labor Hours	.016855	.013518	.012220	.015371
Material Cost	.985267	.708098	.345407	.941588
Equipment Hours	.010092	.008605	.008314	.009013
Years	73	74	75	76
Labor Hours	.011144	.010619	.010289	.013230
Material Cost	.069821	.174707	.051578	.642738
Equipment Hours	.008509	.007638	.007584	.008564
Years	8	7	6	5
Labor Hours	.010391	.010391	.010322	.010884
Material Cost	.045374	.045374	.046368	.041633
Equipment Hours	.007621	.007814	.007710	.007350
Years	16	15	14	13
Labor Hours	.013309	.013126	.012384	.013863
Material Cost	.619770	.551305	.409290	.537356
Equipment Hours	.008588	.008395	.008562	.009213
Years	24	23	22	21
Labor Hours	.010913	.012858	.012529	.016267
Material Cost	.181837	.457088	.529293	.912733
Equipment Hours	.007948	.008282	.008275	.009885
Years	32	31	30	29
Labor Hours	.014071	.013725	.017624	.019286
Material Cost	.673440	.686460	1.074555	.767616
Equipment Hours	.008665	.008665	.009489	.011942
Years	40	39	38	37
Labor Hours	.011673	.012534	.012249	.013581
Material Cost	.506685	.430600	.371528	.543566
Equipment Hours	.008093	.008174	.008290	.009020
Years	48	47	46	45
Labor Hours	.012088	.013185	.013313	.012500
Material Cost	.414188	.551144	.550242	.336098
Equipment Hours	.008178	.008543	.008623	.008838
Years	56	55	54	53
Labor Hours	.010576	.012978	.011997	.014429
Material Cost	.107971	.478732	.349966	.733548
Equipment Hours	.007788	.008455	.008137	.009308
Years	64	63	62	61
Labor Hours	.012105	.015389	.013429	.015279
Material Cost	.408142	.895333	.584469	.838741
Equipment Hours	.008191	.009184	.008626	.009592
Years	72	71	70	69
Labor Hours	.010515	.010959	.012168	.013575
Material Cost	.086146	.081469	.438628	.541878
Equipment Hours	.007780	.008054	.008225	.009027
Years	80	79	78	77
Labor Hours	.014152	.014413	.013423	.012426
Material Cost	.668885	.979375	.607592	.310757
Equipment Hours	.008815	.008867	.008611	.008788

COLD STORAGE FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical	UM TD	2 2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000790	.002694	.003116	.003300	.003469	.003785	.003924	.003753
Material Cost	.000000	.000147	.000151	.000363	.000610	.000623	.000636	.0005130
Equipment Hours	.000790	.002694	.003116	.003300	.003469	.003758	.003877	.003704
Years	9	10	11	12	13	14	15	16
Labor Hours	.004317	.004144	.004893	.004199	.004658	.004451	.004836	.004407
Material Cost	.031950	.055361	.111335	.054193	.085481	.062576	.083390	.094486
Equipment Hours	.004271	.004098	.004834	.004142	.004593	.004376	.004774	.004348
Years	17	18	19	20	21	22	23	24
Labor Hours	.004221	.004575	.004172	.003948	.004589	.004034	.004703	.004222
Material Cost	.051966	.277659	.056600	.093086	.085171	.033229	.237963	.035676
Equipment Hours	.004174	.004400	.004115	.003898	.004564	.004015	.004562	.004203
Years	25	26	27	28	29	30	31	32
Labor Hours	.004496	.004264	.006015	.005243	.004442	.005631	.008383	.006105
Material Cost	.058526	.080892	.184588	.274586	.063815	.206221	.579190	.246231
Equipment Hours	.004477	.004182	.005752	.004928	.004379	.005356	.006858	.005490
Years	33	34	35	36	37	38	39	40
Labor Hours	.005367	.005667	.004612	.004589	.004589	.004581	.004565	.004703
Material Cost	.274028	.202007	.091830	.105137	.077302	.280805	.070045	.101210
Equipment Hours	.005162	.005391	.004531	.004523	.004525	.004390	.004495	.004626
Years	41	42	43	44	45	46	47	48
Labor Hours	.004871	.004460	.004809	.004141	.004760	.004685	.004449	.004980
Material Cost	.090213	.041932	.235979	.039597	.065780	.109283	.065469	.461718
Equipment Hours	.004843	.004424	.004665	.004096	.004734	.004604	.004370	.004665
Years	49	50	51	52	53	54	55	56
Labor Hours	.004293	.004273	.005966	.004408	.005803	.004535	.004948	.004626
Material Cost	.062198	.112082	.150320	.081728	.476304	.083458	.107385	.100547
Equipment Hours	.004215	.004195	.005875	.004326	.005363	.004456	.004867	.004561
Years	57	58	59	60	61	62	63	64
Labor Hours	.005824	.005409	.004812	.006046	.008155	.003971	.006458	.005583
Material Cost	.191880	.461375	.074993	.222888	.528708	.035859	.381371	.164467
Equipment Hours	.005564	.004977	.004751	.005780	.006647	.003948	.005775	.005350
Years	65	66	67	68	69	70	71	72
Labor Hours	.004391	.004523	.004514	.004689	.004828	.004487	.005218	.004359
Material Cost	.049186	.082986	.061765	.274034	.067126	.084000	.138777	.082057
Equipment Hours	.004369	.004435	.004442	.004490	.004742	.004409	.005128	.004270
Years	73	74	75	76	77	78	79	80
Labor Hours	.005442	.004439	.004617	.004751	.004564	.005493	.004687	.004531
Material Cost	.295432	.079511	.098376	.122002	.079984	.482667	.070924	.120040
Equipment Hours	.005233	.004348	.004533	.004670	.004503	.005058	.004630	.004459

COLD STORAGE FACILITIES

Resources Per Square Foot

Task Description	1200000 Special Inter. Electr. System	UM ID	2	2
Years	1	2	3	4
Labor Hours	.00037	.00084	.00084	.00091
Material Cost	.00000	.00000	.000269	.00000
Equipment Hours	.00037	.00084	.00084	.00091
Years	9	10	11	12
Labor Hours	.00011	.000124	.000121	.000142
Material Cost	.000307	.000048	.000450	.000104
Equipment Hours	.00011	.000124	.000121	.000142
Years	17	18	19	20
Labor Hours	.000120	.000138	.000143	.000127
Material Cost	.000076	.000371	.000504	.000335
Equipment Hours	.000120	.000138	.000143	.000127
Years	25	26	27	28
Labor Hours	.000114	.000141	.000122	.000135
Material Cost	.002435	.000459	.000094	.000353
Equipment Hours	.000114	.000141	.000122	.000135
Years	33	34	35	36
Labor Hours	.000149	.000166	.000143	.000142
Material Cost	.000436	.000531	.002750	.000103
Equipment Hours	.000149	.000166	.000143	.000142
Years	41	42	43	44
Labor Hours	.000105	.000102	.000102	.000109
Material Cost	.000413	.000055	.000324	.000055
Equipment Hours	.000105	.000102	.000102	.000109
Years	49	50	51	52
Labor Hours	.000129	.000136	.000124	.000160
Material Cost	.000104	.000689	.000112	.000418
Equipment Hours	.000129	.000136	.000124	.000160
Years	57	58	59	60
Labor Hours	.000140	.000147	.000156	.000150
Material Cost	.000149	.000398	.000186	.000762
Equipment Hours	.000140	.000147	.000156	.000150
Years	65	66	67	68
Labor Hours	.000133	.000120	.000129	.000122
Material Cost	.003085	.000056	.000362	.000075
Equipment Hours	.000133	.000120	.000129	.000122
Years	73	74	75	76
Labor Hours	.000142	.000154	.000161	.000187
Material Cost	.000426	.000486	.002805	.003420
Equipment Hours	.000142	.000154	.000161	.000187
Years	81	82	83	84
Labor Hours	.000118	.000118	.000118	.000118
Material Cost	.000317	.000317	.000317	.000317
Equipment Hours	.000118	.000118	.000118	.000118
Years	15	16	17	18
Labor Hours	.000141	.000141	.000141	.000141
Material Cost	.002732	.000476	.000476	.000476
Equipment Hours	.000141	.000141	.000141	.000141
Years	23	24	25	26
Labor Hours	.000095	.000095	.000095	.000095
Material Cost	.000324	.000324	.000324	.000324
Equipment Hours	.000095	.000095	.000095	.000095
Years	31	32	33	34
Labor Hours	.000163	.000163	.000163	.000163
Material Cost	.003419	.000317	.000317	.000317
Equipment Hours	.000163	.000163	.000163	.000163
Years	39	40	41	42
Labor Hours	.000156	.000156	.000156	.000156
Material Cost	.000445	.000445	.000445	.000445
Equipment Hours	.000156	.000156	.000156	.000156
Years	47	48	49	50
Labor Hours	.000122	.000122	.000122	.000122
Material Cost	.000094	.000094	.000094	.000094
Equipment Hours	.000122	.000122	.000122	.000122
Years	55	56	57	58
Labor Hours	.000155	.000155	.000155	.000155
Material Cost	.002537	.000754	.000754	.000754
Equipment Hours	.000155	.000155	.000155	.000155
Years	63	64	65	66
Labor Hours	.000102	.000102	.000102	.000102
Material Cost	.000324	.000324	.000324	.000324
Equipment Hours	.000102	.000102	.000102	.000102
Years	71	72	73	74
Labor Hours	.000145	.000145	.000145	.000145
Material Cost	.000515	.000515	.000515	.000515
Equipment Hours	.000145	.000145	.000145	.000145
Years	79	80	81	82
Labor Hours	.000156	.000156	.000156	.000156
Material Cost	.000186	.000186	.000186	.000186
Equipment Hours	.000156	.000156	.000156	.000156

GENERAL PURPOSE WAREHOUSE

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.004135	.010449	.011457	.013482	.015474	.015166	.015000	.016929		
Material Cost	.020960	.048127	.049386	.058324	.071434	.081083	.087282	.101179		
Equipment Hours	.003163	.008684	.009426	.011549	.013469	.013062	.013123	.014996		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.020368	.021437	.021130	.018867	.017124	.020243	.023426	.023071		
Material Cost	.143659	.156956	.183906	.174156	.155265	.225812	.230976	.199872		
Equipment Hours	.017907	.018733	.018469	.016359	.014957	.016643	.019701	.019987		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.020789	.021562	.031468	.025384	.029531	.020101	.021554	.022072		
Material Cost	.190371	.198051	.310506	.279999	.288191	.189336	.190267	.206432		
Equipment Hours	.017522	.017329	.024493	.020181	.023927	.017256	.018903	.019432		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.023086	.030206	.036139	.032314	.087530	.041447	.038623	.025993		
Material Cost	.253906	.380708	.356256	.310337	.610607	.424626	.471427	.344316		
Equipment Hours	.019879	.022079	.024510	.022904	.052151	.027890	.028575	.020399		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.024455	.021188	.022620	.021165	.023332	.029387	.022804	.026309		
Material Cost	.311657	.242189	.280436	.250967	.281818	.315739	.268877	.382666		
Equipment Hours	.020517	.017874	.017662	.017160	.018827	.023622	.018731	.020208		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.029770	.028655	.020449	.021183	.022808	.022384	.023025	.021260		
Material Cost	.309659	.309988	.181191	.233914	.215741	.198838	.203037	.193963		
Equipment Hours	.024329	.021803	.017470	.017735	.018857	.019227	.020036	.018137		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.022958	.020610	.029570	.028067	.033587	.034514	.046493	.042961		
Material Cost	.261073	.242715	.332014	.269774	.339860	.343432	.420592	.414934		
Equipment Hours	.019621	.017161	.025283	.024825	.027618	.026239	.033978	.031150		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.099911	.049374	.042086	.032932	.037087	.040294	.031087	.026472		
Material Cost	.784413	.433611	.507565	.308040	.397563	.329705	.291914	.281525		
Equipment Hours	.060562	.035210	.029748	.026663	.032169	.034539	.025318	.022226		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.035515	.023875	.025678	.027188	.024155	.025876	.026910	.027097		
Material Cost	.291993	.257911	.224372	.248156	.236678	.23982	.300530	.306437		
Equipment Hours	.030699	.019929	.022799	.023821	.020474	.022202	.021783	.021262		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.031223	.027917	.034393	.051141	.025609	.031643	.031765	.026866		
Material Cost	.402681	.301961	.384771	.420598	.267511	.293884	.369321	.26725		
Equipment Hours	.024448	.022139	.025441	.033647	.020183	.022918	.023581	.020910		

GENERAL PURPOSE WAREHOUSE

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001977	.003139	.003675	.003342	.003464	.003809	.003196	.003062
Material Cost	.013322	.022766	.022845	.022795	.026489	.024348	.021367	.021365
Equipment Hours	.000989	.001570	.001838	.001671	.001732	.001905	.001598	.001531
Years	9	10	11	12	13	14	15	16
Labor Hours	.003799	.004741	.004054	.003523	.003111	.005620	.005360	.003398
Material Cost	.022787	.045024	.036646	.021891	.022319	.081363	.056378	.023810
Equipment Hours	.001900	.002371	.002027	.001761	.001556	.002810	.002680	.001699
Years	17	18	19	20	21	22	23	24
Labor Hours	.004165	.007192	.010836	.008799	.009737	.003907	.003802	.003663
Material Cost	.026892	.071278	.112371	.090878	.110093	.031018	.024310	.027978
Equipment Hours	.002082	.003596	.005418	.004400	.004869	.001953	.001901	.001832
Years	25	26	27	28	29	30	31	32
Labor Hours	.003947	.012811	.021099	.017004	.067988	.023930	.015990	.007590
Material Cost	.024362	.076537	.153227	.097385	.380409	.160242	.100545	.046453
Equipment Hours	.001974	.006406	.010549	.008502	.033994	.011965	.007995	.003795
Years	33	34	35	36	37	38	39	40
Labor Hours	.004354	.004074	.005439	.006276	.006455	.008326	.005535	.009220
Material Cost	.029589	.027629	.056328	.069676	.069247	.039333	.060594	.138217
Equipment Hours	.002177	.002037	.002720	.003138	.003228	.004163	.002768	.004610
Years	41	42	43	44	45	46	47	48
Labor Hours	.007078	.007784	.004532	.004705	.003656	.004420	.004131	.004742
Material Cost	.085505	.095779	.034850	.056623	.024519	.032330	.031126	.034085
Equipment Hours	.003539	.003892	.002266	.002352	.001828	.002210	.002066	.002371
Years	49	50	51	52	53	54	55	56
Labor Hours	.003983	.003940	.004389	.003674	.008110	.012476	.017947	.019553
Material Cost	.024555	.034517	.036289	.027454	.081928	.073116	.112812	.139698
Equipment Hours	.001942	.001970	.002195	.001837	.004055	.006238	.008974	.009777
Years	57	58	59	60	61	62	63	64
Labor Hours	.071792	.024162	.019465	.006313	.005972	.007716	.006495	.004039
Material Cost	.428167	.163874	.144079	.052033	.055821	.066818	.040813	.030302
Equipment Hours	.035896	.012082	.009733	.003157	.002986	.003858	.003248	.002020
Years	65	66	67	68	69	70	71	72
Labor Hours	.003667	.005923	.003476	.003664	.003241	.004310	.004962	.005139
Material Cost	.024348	.083833	.024293	.023091	.022902	.037498	.041354	.056029
Equipment Hours	.001834	.002961	.001738	.001832	.001620	.002155	.002481	.002570
Years	73	74	75	76	77	78	79	80
Labor Hours	.007876	.005835	.008655	.006296	.006440	.006897	.009146	.004965
Material Cost	.102358	.057766	.095858	.060827	.070947	.081018	.100070	.047798
Equipment Hours	.003938	.002917	.004328	.003148	.003220	.003448	.004573	.002483

GENERAL PURPOSE WAREHOUSE
 Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1									
Labor Hours	.000052	.000082	.000209	.001786	.002995	.002273	.002556	.002273	.002556	.004097
Material Cost	.000269	.000423	.000691	.004649	.008497	.009730	.012270	.009730	.012270	.018423
Equipment Hours	.000052	.000082	.000209	.001786	.002995	.002273	.002556	.002273	.002556	.004097
Years	9									
Labor Hours	.003201	.005436	.003680	.002728	.001920	.003160	.005804	.003160	.005804	.004223
Material Cost	.020384	.027387	.028051	.025753	.022005	.024451	.028772	.024451	.028772	.020336
Equipment Hours	.003201	.005436	.003680	.002728	.001912	.003135	.005772	.003135	.005772	.004196
Years	17									
Labor Hours	.002296	.003078	.006571	.003768	.003321	.003371	.005859	.003371	.005859	.006226
Material Cost	.018168	.017215	.024938	.019461	.019584	.023033	.029693	.023033	.029693	.030500
Equipment Hours	.002268	.003052	.006551	.003766	.003319	.003366	.005856	.003366	.005856	.006219
Years	25									
Labor Hours	.003697	.003094	.002903	.002830	.005118	.003625	.003220	.003625	.003220	.003678
Material Cost	.025042	.021162	.018150	.016720	.023259	.024346	.026990	.024346	.026990	.028479
Equipment Hours	.003695	.003089	.002899	.002818	.005095	.003578	.003171	.003578	.003171	.003643
Years	33									
Labor Hours	.004986	.004155	.002505	.002728	.003574	.007263	.003429	.007263	.003429	.003305
Material Cost	.032779	.029068	.025857	.022193	.025902	.033088	.025163	.033088	.025163	.025162
Equipment Hours	.004947	.004115	.002465	.002697	.003551	.007245	.003355	.007245	.003355	.003281
Years	41									
Labor Hours	.003918	.004637	.003835	.004417	.004623	.004695	.004600	.004695	.004600	.005099
Material Cost	.030999	.043642	.033068	.043440	.045549	.049083	.044137	.049083	.044137	.041746
Equipment Hours	.003771	.004177	.003798	.004335	.004512	.004578	.006574	.004578	.006574	.005050
Years	49									
Labor Hours	.002712	.002933	.004085	.006913	.002998	.002764	.004493	.002764	.004493	.005840
Material Cost	.037504	.047271	.029239	.040408	.031575	.038129	.045984	.038129	.045984	.036282
Equipment Hours	.002671	.002786	.004080	.006809	.002964	.002602	.004329	.002602	.004329	.005806
Years	57									
Labor Hours	.006158	.003791	.003312	.004583	.004832	.003241	.002236	.003241	.002236	.005633
Material Cost	.064199	.038220	.031325	.035489	.021509	.039588	.029656	.039588	.029656	.070026
Equipment Hours	.005711	.003535	.003206	.004366	.004719	.002983	.002118	.002983	.002118	.004726
Years	65									
Labor Hours	.006332	.004107	.005087	.003045	.003724	.004891	.005486	.004891	.005486	.004191
Material Cost	.041168	.039242	.049514	.049144	.053627	.046608	.054736	.046608	.054736	.046896
Equipment Hours	.006254	.004026	.004959	.002845	.003393	.004821	.005327	.004821	.005327	.004056
Years	73									
Labor Hours	.004480	.006156	.008514	.006105	.003045	.002923	.004232	.002923	.004232	.004381
Material Cost	.048738	.052980	.104472	.086946	.031035	.031790	.039513	.031790	.039513	.040210
Equipment Hours	.004359	.006043	.007179	.004968	.003031	.002897	.004107	.002897	.004107	.004219

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UM = Unit of Measure ID
TD = Trade ID

GENERAL PURPOSE WAREHOUSE

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction										
Years	1									
Labor Hours	.000001	.000002	.000005	.000288	.000299	.00058	.00088	.000417		
Material Cost	.000009	.000016	.000027	.000934	.002914	.002408	.002468	.003954		
Equipment Hours	.000001	.000002	.000005	.000288	.000299	.00058	.00088	.000417		
Years	9									
Labor Hours	.000404	.000148	.000129	.000386	.000395	.000178	.000211	.000387		
Material Cost	.000119	.000379	.000777	.000938	.000956	.000464	.000812	.004635		
Equipment Hours	.000404	.000148	.000129	.000386	.000395	.000175	.000208	.000373		
Years	17									
Labor Hours	.000339	.000064	.000137	.000396	.000454	.000222	.000169	.000413		
Material Cost	.000468	.000368	.000588	.000815	.000938	.0007815	.0008365	.008365		
Equipment Hours	.000338	.000061	.000099	.000396	.000440	.000218	.000166	.000412		
Years	25									
Labor Hours	.000426	.000218	.000135	.000420	.000476	.000142	.000274	.000443		
Material Cost	.010335	.009704	.005177	.006523	.006713	.005384	.012982	.014364		
Equipment Hours	.000426	.000218	.000135	.000420	.000476	.000142	.000273	.000439		
Years	33									
Labor Hours	.000386	.000338	.000364	.000505	.000514	.000277	.000276	.000196		
Material Cost	.011417	.012447	.013319	.013574	.014743	.008182	.009422	.008403		
Equipment Hours	.000381	.000324	.000363	.000502	.000482	.000270	.000262	.000192		
Years	41									
Labor Hours	.000200	.000244	.000287	.000352	.000364	.000218	.000234	.000358		
Material Cost	.007415	.006428	.007139	.006702	.008249	.006654	.007675	.007190		
Equipment Hours	.000196	.000243	.000286	.000352	.000364	.000218	.000234	.000356		
Years	49									
Labor Hours	.000430	.000361	.000528	.000405	.000307	.000215	.000329	.000342		
Material Cost	.011599	.011331	.008044	.008940	.008333	.008507	.011607	.006461		
Equipment Hours	.000430	.000358	.000393	.000392	.000306	.000212	.000297	.000335		
Years	57									
Labor Hours	.000388	.000232	.000204	.000349	.000348	.000186	.000225	.000466		
Material Cost	.007038	.005816	.005311	.010392	.010644	.009286	.007353	.008503		
Equipment Hours	.000374	.000229	.000201	.000338	.000348	.000186	.000194	.000465		
Years	65									
Labor Hours	.000458	.000207	.000087	.000363	.000401	.000155	.000292	.000540		
Material Cost	.010805	.009908	.005271	.006476	.006735	.005297	.011567	.013439		
Equipment Hours	.000457	.000207	.000087	.000360	.000398	.000141	.000291	.000537		
Years	73									
Labor Hours	.000589	.000221	.000269	.000539	.000549	.000214	.000212	.000295		
Material Cost	.014590	.012450	.014050	.012866	.012462	.006394	.007552	.007909		
Equipment Hours	.000556	.000215	.000255	.000535	.000546	.000213	.000212	.000284		

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 UM = Unit of Measure ID
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GENERAL PURPOSE WAREHOUSE

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000964	.002788	.002788	.003003	.003016	.003141	.003400	.003331
Material Cost	.006088	.021002	.021002	.022160	.022637	.022903	.027786	.030777
Equipment Hours	.000964	.002788	.002788	.003003	.003016	.003141	.003327	.003201
Years	9	10	11	12	13	14	15	16
Labor Hours	.006401	.005054	.006168	.005165	.003964	.004703	.004525	.007931
Material Cost	.053829	.033184	.032077	.028348	.025833	.043998	.043497	.057944
Equipment Hours	.006123	.004981	.005960	.004955	.003934	.004316	.004093	.007070
Years	17	18	19	20	21	22	23	24
Labor Hours	.006751	.004707	.007008	.005526	.007469	.006159	.005050	.004759
Material Cost	.067700	.041227	.083701	.042622	.051191	.044110	.047160	.038373
Equipment Hours	.006125	.004479	.005990	.005179	.007220	.005732	.004796	.004604
Years	25	26	27	28	29	30	31	32
Labor Hours	.006511	.006039	.004345	.004022	.005218	.005316	.009930	.004093
Material Cost	.057761	.114324	.027658	.026114	.027644	.029973	.071337	.066606
Equipment Hours	.006228	.005409	.004135	.004014	.004997	.005102	.009339	.005348
Years	33	34	35	36	37	38	39	40
Labor Hours	.006215	.005433	.006808	.004341	.005192	.004074	.006181	.006116
Material Cost	.075351	.057723	.073207	.045172	.076206	.069426	.062924	.061878
Equipment Hours	.003447	.004807	.005199	.004055	.004526	.005182	.005537	.005370
Years	41	42	43	44	45	46	47	48
Labor Hours	.009667	.008692	.004669	.004576	.006415	.006009	.005349	.004102
Material Cost	.091068	.076244	.029909	.037946	.056400	.035208	.043157	.036653
Equipment Hours	.008606	.006922	.004555	.004196	.005005	.005727	.004906	.003857
Years	49	50	51	52	53	54	55	56
Labor Hours	.008128	.005935	.012722	.009641	.013730	.011087	.014196	.008752
Material Cost	.078295	.053094	.128910	.095933	.082420	.068252	.125681	.076885
Equipment Hours	.007428	.005433	.011315	.008921	.012705	.010239	.012218	.007696
Years	57	58	59	60	61	62	63	64
Labor Hours	.012455	.012880	.010193	.010738	.016266	.021662	.014468	.009035
Material Cost	.100943	.072814	.073759	.051287	.078856	.075817	.063907	.050957
Equipment Hours	.010716	.012068	.009095	.010210	.015668	.020893	.012951	.008454
Years	65	66	67	68	69	70	71	72
Labor Hours	.015494	.006443	.009521	.012551	.009107	.008634	.008481	.009436
Material Cost	.083019	.043485	.048647	.077566	.057353	.062310	.078113	.082612
Equipment Hours	.014145	.006124	.009242	.011947	.007961	.008214	.006720	.007078
Years	73	74	75	76	77	78	79	80
Labor Hours	.010121	.008118	.008118	.028868	.008084	.014445	.009146	.006839
Material Cost	.136070	.077921	.082680	.155289	.040829	.087171	.054554	.054472
Equipment Hours	.008073	.006200	.005988	.017103	.006334	.009695	.007068	.005691

GENERAL PURPOSE WAREHOUSE

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0800000 Plumbing										
Years										
Labor Hours	.000038	.000443	.000623	.000842	.001094	.001120	.001007	.001133		
Material Cost	.000030	.000252	.000509	.000316	.001222	.001669	.002232	.003720		
Equipment Hours	.000038	.000443	.000622	.000777	.001027	.001119	.001003	.001271		
Years										
Labor Hours	.001367	.001189	.001317	.001377	.001340	.001103	.001525	.001316		
Material Cost	.013902	.011784	.022370	.020988	.008214	.010559	.010996	.017154		
Equipment Hours	.001286	.001176	.001266	.001244	.001228	.001047	.001487	.001236		
Years										
Labor Hours	.001114	.001003	.001109	.001244	.002552	.001094	.001202	.001392		
Material Cost	.010575	.008839	.020000	.022232	.032435	.021765	.013672	.016014		
Equipment Hours	.001029	.000980	.001075	.001152	.002439	.001015	.001106	.001166		
Years										
Labor Hours	.001718	.001438	.001247	.001318	.001619	.001903	.001503	.001390		
Material Cost	.014097	.016045	.022117	.019361	.028740	.027381	.030963	.027835		
Equipment Hours	.001521	.001271	.001096	.001239	.001450	.001564	.001402	.001300		
Years										
Labor Hours	.001461	.001120	.001573	.001169	.001257	.001360	.001095	.001097		
Material Cost	.013597	.011068	.015191	.014896	.012915	.014512	.019179	.016826		
Equipment Hours	.001306	.000999	.001399	.001045	.001057	.001156	.000993	.000940		
Years										
Labor Hours	.002834	.001712	.001187	.001252	.001724	.001482	.001180	.001466		
Material Cost	.035153	.025737	.015896	.014955	.018012	.015719	.027115	.019075		
Equipment Hours	.002304	.001405	.001085	.001157	.001540	.001347	.001088	.001316		
Years										
Labor Hours	.001584	.001904	.001452	.001515	.001571	.001338	.002850	.001474		
Material Cost	.027625	.027212	.025338	.015938	.016846	.010753	.013214	.014562		
Equipment Hours	.001393	.001518	.001302	.001328	.001388	.001179	.002151	.001355		
Years										
Labor Hours	.001363	.001405	.001463	.004142	.002192	.001572	.001465	.001345		
Material Cost	.011802	.011842	.021596	.025460	.030805	.032209	.017208	.016847		
Equipment Hours	.001159	.001197	.001238	.002376	.002089	.001357	.001213	.001173		
Years										
Labor Hours	.002760	.001521	.001558	.001537	.001402	.002198	.001316	.001510		
Material Cost	.015928	.009135	.009312	.009364	.016141	.022146	.031991	.029866		
Equipment Hours	.002060	.001356	.001319	.001406	.001263	.001590	.001130	.001278		
Years										
Labor Hours	.001459	.001565	.002927	.003044	.001174	.001307	.002743	.004222		
Material Cost	.021879	.021887	.023231	.022569	.026767	.023214	.034668	.028182		
Equipment Hours	.001294	.001274	.002156	.002090	.001045	.001137	.001869	.002556		

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 UM = Unit of Measure ID
 TD = Trade ID

GENERAL PURPOSE WAREHOUSE

Resources Per Square Foot

Task Description	UM	ID	2	9
0900000 HVAC				
Years	1			
Labor Hours	.000700			
Material Cost	.001473			
Equipment Hours	.000700			
Years	2			
Labor Hours	.003198			
Material Cost	.003911			
Equipment Hours	.002983			
Years	3			
Labor Hours	.003235			
Material Cost	.004001			
Equipment Hours	.003018			
Years	4			
Labor Hours	.003315			
Material Cost	.004908			
Equipment Hours	.003097			
Years	5			
Labor Hours	.003679			
Material Cost	.008544			
Equipment Hours	.003451			
Years	6			
Labor Hours	.003435			
Material Cost	.010407			
Equipment Hours	.003214			
Years	7			
Labor Hours	.003387			
Material Cost	.011005			
Equipment Hours	.003166			
Years	8			
Labor Hours	.003518			
Material Cost	.013104			
Equipment Hours	.003291			
Years	9			
Labor Hours	.003781			
Material Cost	.013135			
Equipment Hours	.003547			
Years	10			
Labor Hours	.003480			
Material Cost	.019892			
Equipment Hours	.003215			
Years	11			
Labor Hours	.003737			
Material Cost	.028529			
Equipment Hours	.003365			
Years	12			
Labor Hours	.003833			
Material Cost	.042300			
Equipment Hours	.003432			
Years	13			
Labor Hours	.004261			
Material Cost	.042000			
Equipment Hours	.003803			
Years	14			
Labor Hours	.003606			
Material Cost	.056374			
Equipment Hours	.003466			
Years	15			
Labor Hours	.004002			
Material Cost	.056374			
Equipment Hours	.003466			
Years	16			
Labor Hours	.003843			
Material Cost	.049512			
Equipment Hours	.003444			
Years	17			
Labor Hours	.004099			
Material Cost	.040799			
Equipment Hours	.003660			
Years	18			
Labor Hours	.003590			
Material Cost	.031946			
Equipment Hours	.003240			
Years	19			
Labor Hours	.003762			
Material Cost	.039364			
Equipment Hours	.003324			
Years	20			
Labor Hours	.003783			
Material Cost	.071971			
Equipment Hours	.003430			
Years	21			
Labor Hours	.004018			
Material Cost	.042915			
Equipment Hours	.003668			
Years	22			
Labor Hours	.003586			
Material Cost	.042004			
Equipment Hours	.003219			
Years	23			
Labor Hours	.003615			
Material Cost	.049819			
Equipment Hours	.003227			
Years	24			
Labor Hours	.003789			
Material Cost	.045748			
Equipment Hours	.003376			
Years	25			
Labor Hours	.004659			
Material Cost	.101662			
Equipment Hours	.003928			
Years	26			
Labor Hours	.004398			
Material Cost	.093677			
Equipment Hours	.003560			
Years	27			
Labor Hours	.004077			
Material Cost	.075566			
Equipment Hours	.003463			
Years	28			
Labor Hours	.004336			
Material Cost	.075636			
Equipment Hours	.003653			
Years	29			
Labor Hours	.004830			
Material Cost	.090329			
Equipment Hours	.003948			
Years	30			
Labor Hours	.004362			
Material Cost	.123505			
Equipment Hours	.003462			
Years	31			
Labor Hours	.004202			
Material Cost	.081130			
Equipment Hours	.003439			
Years	32			
Labor Hours	.004291			
Material Cost	.076061			
Equipment Hours	.003543			
Years	33			
Labor Hours	.004431			
Material Cost	.074264			
Equipment Hours	.003750			
Years	34			
Labor Hours	.003590			
Material Cost	.033716			
Equipment Hours	.003268			
Years	35			
Labor Hours	.003584			
Material Cost	.039249			
Equipment Hours	.003229			
Years	36			
Labor Hours	.003796			
Material Cost	.050492			
Equipment Hours	.003384			
Years	37			
Labor Hours	.003913			
Material Cost	.046107			
Equipment Hours	.003563			
Years	38			
Labor Hours	.003778			
Material Cost	.051558			
Equipment Hours	.003308			
Years	39			
Labor Hours	.003812			
Material Cost	.054489			
Equipment Hours	.003358			
Years	40			
Labor Hours	.004031			
Material Cost	.097814			
Equipment Hours	.003475			
Years	41			
Labor Hours	.003997			
Material Cost	.034718			
Equipment Hours	.003649			
Years	42			
Labor Hours	.003731			
Material Cost	.040461			
Equipment Hours	.003320			
Years	43			
Labor Hours	.003870			
Material Cost	.041901			
Equipment Hours	.003417			
Years	44			
Labor Hours	.004032			
Material Cost	.050447			
Equipment Hours	.003517			
Years	45			
Labor Hours	.003693			
Material Cost	.031469			
Equipment Hours	.003291			
Years	46			
Labor Hours	.003612			
Material Cost	.021798			
Equipment Hours	.003267			
Years	47			
Labor Hours	.003612			
Material Cost	.021798			
Equipment Hours	.003267			
Years	48			
Labor Hours	.003652			
Material Cost	.027746			
Equipment Hours	.003362			
Years	49			
Labor Hours	.004234			
Material Cost	.050490			
Equipment Hours	.003788			
Years	50			
Labor Hours	.003754			
Material Cost	.042149			
Equipment Hours	.003325			
Years	51			
Labor Hours	.003640			
Material Cost	.055026			
Equipment Hours	.003268			
Years	52			
Labor Hours	.003725			
Material Cost	.043134			
Equipment Hours	.003355			
Years	53			
Labor Hours	.004414			
Material Cost	.077408			
Equipment Hours	.003790			
Years	54			
Labor Hours	.004426			
Material Cost	.106467			
Equipment Hours	.003573			
Years	55			
Labor Hours	.004147			
Material Cost	.071012			
Equipment Hours	.003502			
Years	56			
Labor Hours	.004343			
Material Cost	.081469			
Equipment Hours	.003602			
Years	57			
Labor Hours	.004908			
Material Cost	.106877			
Equipment Hours	.003958			
Years	58			
Labor Hours	.004095			
Material Cost	.063733			
Equipment Hours	.003422			
Years	59			
Labor Hours	.004690			
Material Cost	.169826			
Equipment Hours	.003617			
Years	60			
Labor Hours	.004176			
Material Cost	.070910			
Equipment Hours	.003481			
Years	61			
Labor Hours	.004284			
Material Cost	.058951			
Equipment Hours	.003722			
Years	62			
Labor Hours	.003967			
Material Cost	.059556			
Equipment Hours	.003434			
Years	63			
Labor Hours	.003782			
Material Cost	.054210			
Equipment Hours	.003434			
Years	64			
Labor Hours	.003841			
Material Cost	.054210			
Equipment Hours	.003434			
Years	65			
Labor Hours	.004761			
Material Cost	.075410			
Equipment Hours	.003971			
Years	66			
Labor Hours	.003748			
Material Cost	.047349			
Equipment Hours	.003340			
Years	67			
Labor Hours	.003934			
Material Cost	.056338			
Equipment Hours	.003457			
Years	68			
Labor Hours	.004110			
Material Cost	.056157			
Equipment Hours	.003528			
Years	69			
Labor Hours	.004144			
Material Cost	.050475			
Equipment Hours	.003719			
Years	70			
Labor Hours	.003737			
Material Cost	.032741			
Equipment Hours	.003340			
Years	71			
Labor Hours	.003967			
Material Cost	.042747			
Equipment Hours	.003441			
Years	72			
Labor Hours	.003945			
Material Cost	.037906			
Equipment Hours	.003464			
Years	73			
Labor Hours	.004179			
Material Cost	.040434			
Equipment Hours	.003720			
Years	74			
Labor Hours	.003772			
Material Cost	.036854			
Equipment Hours	.003272			
Years	75			
Labor Hours	.003606			
Material Cost	.029332			
Equipment Hours	.003238			
Years	76			
Labor Hours	.003955			
Material Cost	.044400			
Equipment Hours	.003489			
Years	77			
Labor Hours	.003943			
Material Cost	.028018			
Equipment Hours	.003647			
Years	78			
Labor Hours	.003538			
Material Cost	.027955			
Equipment Hours	.003227			
Years	79			
Labor Hours	.003871			
Material Cost	.093716			
Equipment Hours	.003348			
Years	80			
Labor Hours	.003924			
Material Cost	.048256			
Equipment Hours	.003451			

GENERAL PURPOSE WAREHOUSE

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical	UM TD	2 2						
Years								
Labor Hours	.000069	.000410	.000575	.000539	.000621	.000938	.000998	.000897
Material Cost	.000000	.000015	.000536	.000101	.001056	.009000	.009000	.009652
Equipment Hours	.000069	.000410	.000575	.000539	.000621	.000937	.000996	.000895
Years								
Labor Hours	.001097	.000984	.001479	.001302	.001567	.001312	.001433	.001421
Material Cost	.010622	.010095	.025944	.022984	.023432	.023589	.023692	.021628
Equipment Hours	.001095	.000982	.001475	.001300	.001563	.001306	.001428	.001416
Years								
Labor Hours	.001473	.001383	.001483	.001330	.001443	.001242	.001321	.001305
Material Cost	.022024	.021849	.022296	.020916	.021398	.016221	.016286	.016541
Equipment Hours	.001468	.001374	.001474	.001322	.001435	.001233	.001314	.001298
Years								
Labor Hours	.001580	.001658	.001765	.001832	.001701	.001619	.002929	.001958
Material Cost	.017585	.047010	.051463	.066275	.048867	.051057	.142610	.082077
Equipment Hours	.001560	.001578	.001663	.001705	.001611	.001526	.002378	.001781
Years								
Labor Hours	.002049	.001920	.001775	.001798	.001852	.001747	.001900	.001788
Material Cost	.072106	.067385	.053753	.033367	.033450	.033352	.033960	.032012
Equipment Hours	.001935	.001764	.001713	.001786	.001846	.001735	.001884	.001781
Years								
Labor Hours	.001530	.001323	.001521	.001314	.001396	.001319	.001365	.001301
Material Cost	.022599	.018463	.017138	.019279	.017248	.023708	.025691	.025205
Equipment Hours	.001519	.001312	.001516	.001289	.001392	.001307	.001348	.001283
Years								
Labor Hours	.001420	.001241	.002162	.001642	.001851	.001649	.001950	.002095
Material Cost	.027821	.024006	.046777	.034924	.038893	.035199	.037334	.057302
Equipment Hours	.001403	.001230	.002149	.001631	.001820	.001638	.001926	.002016
Years								
Labor Hours	.002263	.002237	.002170	.002073	.002649	.001435	.001882	.001592
Material Cost	.062178	.074858	.056899	.059732	.127358	.046767	.071178	.047634
Equipment Hours	.002164	.002106	.002069	.001976	.002092	.001311	.001701	.001432
Years								
Labor Hours	.001504	.001385	.001455	.001373	.001567	.001405	.001827	.001770
Material Cost	.037646	.023387	.024568	.024814	.026404	.024828	.037567	.036488
Equipment Hours	.001438	.001374	.001438	.001357	.001549	.001394	.001813	.001713
Years								
Labor Hours	.001936	.001678	.001721	.001774	.001808	.001761	.001842	.001689
Material Cost	.036014	.037483	.035408	.033010	.034802	.033930	.035954	.032764
Equipment Hours	.001924	.001648	.001714	.001754	.001792	.001742	.001832	.001675

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UM = Unit of Measure ID
TD = Trade ID

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GENERAL PURPOSE WAREHOUSE
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	UM ID	2	2	2	2	2	2	2
Years	1	2	3	4	5	6	7	8
Labor Hours	.000383	.000502	.000477	.000510	.000481	.000542	.000513	.000543
Material Cost	.000000	.000166	.000205	.000280	.000329	.000424	.000484	.000543
Equipment Hours	.000383	.000502	.000477	.000510	.000481	.000542	.000513	.000543
Years	9	10	11	12	13	14	15	16
Labor Hours	.000526	.000551	.000566	.000553	.000566	.000560	.000566	.000553
Material Cost	.002126	.002215	.002212	.002954	.002505	.004591	.003086	.004853
Equipment Hours	.000526	.000551	.000566	.000553	.000566	.000560	.000566	.000553
Years	17	18	19	20	21	22	23	24
Labor Hours	.000552	.000545	.000561	.000538	.000537	.000519	.000538	.000524
Material Cost	.002145	.002328	.003249	.003103	.001436	.002955	.001514	.002911
Equipment Hours	.000552	.000545	.000561	.000538	.000537	.000519	.000538	.000524
Years	25	26	27	28	29	30	31	32
Labor Hours	.000547	.000549	.000570	.000553	.000581	.000550	.000577	.000549
Material Cost	.003061	.002249	.002898	.002323	.004646	.002739	.004870	.000549
Equipment Hours	.000547	.000549	.000570	.000553	.000581	.000550	.000577	.000549
Years	33	34	35	36	37	38	39	40
Labor Hours	.000574	.000559	.000572	.000552	.000574	.000563	.000574	.000558
Material Cost	.002534	.003153	.003330	.004522	.003247	.001687	.003147	.002555
Equipment Hours	.000574	.000559	.000572	.000552	.000574	.000563	.000574	.000558
Years	41	42	43	44	45	46	47	48
Labor Hours	.000546	.000533	.000547	.000536	.000548	.000548	.000552	.000540
Material Cost	.002203	.003033	.002290	.004522	.003252	.004666	.002339	.002263
Equipment Hours	.000546	.000533	.000547	.000536	.000548	.000548	.000552	.000540
Years	49	50	51	52	53	54	55	56
Labor Hours	.000567	.000541	.000592	.000554	.000607	.000558	.000581	.000562
Material Cost	.003184	.003135	.002190	.003044	.002458	.003010	.002948	.002276
Equipment Hours	.000567	.000541	.000582	.000554	.000592	.000558	.000581	.000562
Years	57	58	59	60	61	62	63	64
Labor Hours	.000584	.000572	.000588	.000559	.000544	.000516	.000534	.000522
Material Cost	.003209	.002455	.004770	.002737	.004619	.002476	.002244	.003046
Equipment Hours	.000584	.000572	.000588	.000559	.000544	.000516	.000534	.000522
Years	65	66	67	68	69	70	71	72
Labor Hours	.000540	.000540	.000558	.000544	.000570	.000547	.000580	.000566
Material Cost	.003649	.001573	.002930	.001545	.003039	.002553	.002434	.003001
Equipment Hours	.000540	.000540	.000558	.000544	.000570	.000547	.000580	.000566
Years	73	74	75	76	77	78	79	80
Labor Hours	.000585	.000570	.000584	.000560	.000568	.000560	.000573	.000551
Material Cost	.002598	.004620	.003141	.004691	.002652	.002410	.003294	.003134
Equipment Hours	.000585	.000570	.000584	.000560	.000568	.000560	.000573	.000551

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UM = Unit of Measure ID
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HOSPITAL

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary		2	1							
Years	1	2	3	4	5	6	7	8		
Labor Hours	.003021	.012665	.013782	.016166	.017998	.016010	.017103	.026288		
Material Cost	.014241	.041432	.045946	.052905	.076341	.089923	.087589	.164263		
Equipment Hours	.002319	.010680	.011607	.013938	.015896	.013821	.014754	.023806		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.027846	.023739	.027043	.019597	.026994	.018278	.022114	.035482		
Material Cost	.309216	.259532	.244060	.213811	.311872	.188653	.293327	.240344		
Equipment Hours	.023455	.018897	.024927	.017360	.026485	.016034	.018196	.032477		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.028943	.038494	.048819	.020515	.050236	.019316	.045676	.033289		
Material Cost	.375260	.556678	1.179016	.283464	.488541	.289262	.609570	.260063		
Equipment Hours	.023755	.021117	.031694	.017599	.047341	.016598	.028531	.030471		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.028812	.035454	.038159	.020881	.029447	.025538	.051199	.027214		
Material Cost	.374686	.363286	1.158211	.263427	.359056	.380130	1.166045	.760594		
Equipment Hours	.023741	.029986	.025143	.017980	.024683	.020040	.044836	.022247		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.028203	.021890	.020532	.022016	.064543	.043278	.021037	.022875		
Material Cost	.471021	.308707	.301269	.324619	1.369551	.594766	.290931	.369522		
Equipment Hours	.023444	.018823	.017404	.019023	.036103	.036719	.017956	.018844		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.054073	.049332	.019493	.024704	.029758	.030671	.021410	.033157		
Material Cost	.853484	.629958	.204711	.333317	.231771	.371238	.238916	.240988		
Equipment Hours	.045807	.029778	.016925	.020152	.027434	.025533	.018870	.030287		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.028712	.019624	.073903	.034356	.041098	.019600	.043375	.050453		
Material Cost	.450410	.264284	.536068	.281266	1.040819	.289273	1.056455	1.025713		
Equipment Hours	.023914	.016862	.057560	.031779	.028607	.016920	.029341	.028341		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.029024	.022411	.027440	.029415	.079811	.026603	.029408	.028356		
Material Cost	.501700	.308316	.405742	.322592	1.696641	.314544	.507984	.433932		
Equipment Hours	.023950	.019209	.021835	.026591	.057774	.023386	.025333	.022635		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.028720	.021204	.034868	.020268	.022367	.020270	.044879	.023313		
Material Cost	.438917	.324149	.372048	.252563	.318599	.253343	1.042536	.361845		
Equipment Hours	.023955	.018120	.028650	.017738	.020538	.017428	.039723	.019892		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.055915	.035268	.050717	.071620	.027663	.030197	.108217	.043495		
Material Cost	1.484907	.601264	.698917	.418923	.323513	.361535	1.247265	.730404		
Equipment Hours	.037934	.028863	.031785	.047964	.024956	.023030	.061977	.025041		

HOSPITAL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years								
Labor Hours	.001404	.001810	.002146	.001953	.001816	.002170	.001942	.001787
Material Cost	.006592	.010492	.010226	.010353	.010367	.010335	.010226	.010226
Equipment Hours	.000702	.000905	.001074	.000976	.000909	.001085	.000971	.000895
Years								
Labor Hours	.002168	.006561	.001805	.001989	.001954	.001999	.004612	.002107
Material Cost	.010357	.086159	.010403	.010226	.010336	.015145	.078236	.010326
Equipment Hours	.001084	.003281	.000903	.000995	.000977	.001000	.002306	.001054
Years								
Labor Hours	.003162	.002358	.007459	.002566	.002575	.002121	.002019	.001840
Material Cost	.016287	.015493	.082221	.017791	.017953	.012477	.010514	.010754
Equipment Hours	.001581	.001179	.003729	.001283	.001288	.001061	.001010	.000920
Years								
Labor Hours	.002322	.002118	.002154	.002323	.006404	.007046	.002145	.001818
Material Cost	.010460	.014621	.014914	.010591	.086030	.078294	.010326	.010596
Equipment Hours	.001161	.001059	.001077	.001162	.003202	.003523	.001072	.000909
Years								
Labor Hours	.002186	.001994	.002983	.002819	.006745	.002493	.002119	.002903
Material Cost	.010749	.010592	.017353	.018191	.091464	.033782	.010226	.027545
Equipment Hours	.001093	.000997	.001492	.001410	.003372	.001247	.001060	.001453
Years								
Labor Hours	.002137	.002347	.002011	.005607	.002131	.006480	.002023	.001965
Material Cost	.015631	.013830	.010755	.082874	.010512	.089817	.010772	.010564
Equipment Hours	.001069	.001174	.001005	.002804	.001066	.003341	.001012	.000983
Years								
Labor Hours	.001979	.001667	.001942	.001854	.003212	.002109	.006587	.002917
Material Cost	.010382	.007221	.010280	.010754	.016891	.010283	.085898	.035441
Equipment Hours	.000989	.000834	.000971	.000927	.001606	.001055	.003294	.001459
Years								
Labor Hours	.002458	.002571	.007260	.001805	.002326	.002364	.002317	.006412
Material Cost	.016951	.015828	.081154	.010382	.012503	.014213	.012523	.085903
Equipment Hours	.001229	.001285	.003630	.000903	.001163	.001482	.001159	.003206
Years								
Labor Hours	.001948	.002477	.008993	.001977	.001982	.001980	.002833	.002326
Material Cost	.010517	.019206	.100488	.010483	.010280	.010488	.0299	.015741
Equipment Hours	.000984	.001239	.004497	.000989	.000991	.000990	.001163	.001163
Years								
Labor Hours	.009192	.002299	.002668	.001998	.002501	.002338	.002141	.002232
Material Cost	.156998	.015828	.021248	.010696	.019555	.015739	.011940	.013350
Equipment Hours	.004596	.001150	.001334	.000999	.001250	.001169	.001071	.001116

HOSPITAL

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1									
Labor Hours	.000303	.000462	.000409	.000803	.000884	.000798	.000789	.000789	.008323	
Material Cost	.000392	.000401	.000557	.001428	.001760	.001361	.001623	.001623	.01185	
Equipment Hours	.000303	.000462	.000409	.000803	.000884	.000798	.000789	.000789	.008323	
Years	9									
Labor Hours	.002060	.001223	.000973	.000750	.000737	.001061	.001385	.001385	.008417	
Material Cost	.004927	.004085	.004935	.004812	.004962	.004815	.005749	.005749	.01310	
Equipment Hours	.002060	.001223	.000973	.000750	.000737	.001061	.001385	.001385	.008417	
Years	17									
Labor Hours	.001982	.001055	.001249	.000977	.000840	.000987	.008799	.008799	.013803	
Material Cost	.005398	.003403	.004576	.003197	.003217	.004008	.01403	.01403	.009648	
Equipment Hours	.001982	.001055	.001249	.000977	.000840	.000987	.008799	.008799	.013803	
Years	25									
Labor Hours	.002198	.003739	.000760	.000910	.001346	.000629	.008261	.008261	.000978	
Material Cost	.006812	.005494	.003436	.003135	.004944	.003945	.013440	.013440	.004987	
Equipment Hours	.002198	.003739	.000760	.000910	.001346	.000629	.008261	.008261	.000978	
Years	33									
Labor Hours	.001372	.002139	.000782	.000876	.001148	.008941	.001189	.001189	.000798	
Material Cost	.004951	.006903	.004110	.003564	.005361	.015915	.007646	.007646	.004413	
Equipment Hours	.001368	.002139	.000778	.000876	.001148	.008937	.001076	.001076	.000794	
Years	41									
Labor Hours	.001929	.001147	.001260	.001322	.008818	.001525	.001367	.001367	.013801	
Material Cost	.005667	.006481	.007295	.012150	.019341	.009841	.008663	.008663	.01165	
Equipment Hours	.001929	.001091	.001260	.001209	.008818	.001525	.001367	.001367	.013801	
Years	49									
Labor Hours	.001856	.000824	.001133	.001804	.000765	.000721	.001338	.001338	.001239	
Material Cost	.010877	.008889	.004301	.016421	.004155	.004970	.004005	.004005	.004667	
Equipment Hours	.001851	.000819	.001133	.001799	.000765	.000716	.001333	.001333	.001233	
Years	57									
Labor Hours	.002419	.000886	.000704	.008639	.001322	.001745	.001305	.001305	.002224	
Material Cost	.008859	.004594	.004795	.014075	.006091	.021866	.021634	.021634	.034484	
Equipment Hours	.002413	.000886	.000699	.008639	.001307	.001566	.001300	.001300	.001937	
Years	65									
Labor Hours	.002713	.001844	.009387	.001605	.001710	.001845	.014163	.014163	.001367	
Material Cost	.023148	.023003	.034688	.026473	.026723	.026541	.030135	.030135	.025327	
Equipment Hours	.002713	.001839	.009387	.001578	.001706	.001839	.014159	.014159	.001363	
Years	73									
Labor Hours	.002685	.009347	.002987	.001650	.004375	.001385	.001778	.001778	.001910	
Material Cost	.028283	.036254	.045596	.026782	.025619	.023712	.025577	.025577	.027864	
Equipment Hours	.002679	.009342	.002591	.001646	.004375	.001380	.001778	.001778	.001796	

HOSPITAL

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0500000	Interior Construction										
Years		1	2	3	4	5	6	7	8		
Labor Hours	.000001	.000002	.000156	.001652	.001433	.000668	.000512	.000512	.001957		
Material Cost	.000015	.000016	.000501	.000638	.000740	.000304	.000354	.000354	.001859		
Equipment Hours	.000001	.000002	.000156	.001652	.001433	.000668	.000512	.000512	.001957		
Years		9	10	11	12	13	14	15	16		
Labor Hours	.001761	.000793	.001157	.002095	.001691	.000855	.001118	.001118	.001950		
Material Cost	.045130	.045828	.045701	.048313	.046350	.039703	.034354	.034354	.010639		
Equipment Hours	.001761	.000793	.001157	.002095	.001691	.000855	.001118	.001118	.001948		
Years		17	18	19	20	21	22	23	24		
Labor Hours	.001271	.000663	.000491	.001683	.002033	.001237	.001237	.000795	.001669		
Material Cost	.009072	.017265	.096663	.045941	.048128	.044048	.043019	.043019	.039452		
Equipment Hours	.001271	.000663	.000661	.001683	.002033	.001236	.001236	.000795	.001669		
Years		25	26	27	28	29	30	31	32		
Labor Hours	.001991	.001039	.000131	.001771	.002354	.000873	.000873	.002127	.002839		
Material Cost	.036854	.034876	.006642	.031918	.035373	.031233	.031233	.076870	.078440		
Equipment Hours	.001991	.001039	.000131	.001771	.002354	.000873	.000873	.002127	.002839		
Years		33	34	35	36	37	38	39	40		
Labor Hours	.002483	.001185	.001632	.002786	.004920	.001806	.001806	.000824	.001286		
Material Cost	.075645	.065407	.061551	.064813	.120412	.051041	.051041	.034564	.035835		
Equipment Hours	.002483	.001185	.001630	.002786	.003518	.001304	.001304	.000824	.001285		
Years		41	42	43	44	45	46	47	48		
Labor Hours	.001009	.000684	.000964	.002243	.002024	.001246	.001246	.001240	.002224		
Material Cost	.026123	.024797	.025224	.035911	.040225	.039812	.039812	.037137	.041413		
Equipment Hours	.001009	.000684	.000964	.002243	.002024	.001246	.001246	.001240	.002224		
Years		49	50	51	52	53	54	55	56		
Labor Hours	.002158	.001307	.001262	.001898	.001487	.000897	.000897	.004077	.002434		
Material Cost	.045131	.059162	.032540	.035134	.034025	.039925	.039925	.106072	.042053		
Equipment Hours	.002108	.001307	.001153	.001898	.001485	.000897	.000897	.002624	.001986		
Years		57	58	59	60	61	62	63	64		
Labor Hours	.001504	.000850	.000833	.001620	.002453	.001009	.001009	.000719	.002050		
Material Cost	.024190	.019989	.020773	.043755	.037833	.034138	.034138	.031167	.052229		
Equipment Hours	.001504	.000849	.000833	.001620	.002349	.001009	.001009	.000719	.002050		
Years		65	66	67	68	69	70	71	72		
Labor Hours	.002390	.001471	.000612	.001757	.002164	.000779	.000779	.001479	.002754		
Material Cost	.058959	.057289	.031637	.035347	.035390	.024145	.024145	.062862	.066448		
Equipment Hours	.002390	.001471	.000561	.001757	.002164	.000779	.000779	.001477	.002754		
Years		73	74	75	76	77	78	79	80		
Labor Hours	.003375	.001931	.001122	.003254	.002663	.000859	.000859	.001107	.001519		
Material Cost	.127178	.077240	.059856	.066573	.063940	.034220	.034220	.036336	.044826		
Equipment Hours	.003922	.001483	.001122	.003253	.002663	.000859	.000859	.001057	.001519		

HOSPITAL

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000159	.002955	.002955	.002966	.003010	.002951	.003256	.003822		
Material Cost	.000830	.013841	.013841	.014228	.015404	.003471	.003471	.042127		
Equipment Hours	.000159	.002955	.002955	.002966	.003010	.002951	.003109	.003388		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.008528	.003881	.010351	.002987	.010291	.003085	.003295	.010234		
Material Cost	.153328	.040590	.029805	.014198	.039251	.015629	.023510	.060277		
Equipment Hours	.006466	.003595	.010351	.002987	.010291	.003074	.003147	.009610		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.008432	.003863	.023382	.003142	.027702	.003195	.003558	.004117		
Material Cost	.152872	.034093	.805119	.014314	.177844	.018221	.025085	.042534		
Equipment Hours	.006370	.003566	.013241	.003142	.027570	.003166	.003390	.003633		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.007444	.011336	.003137	.003328	.004638	.002992	.017752	.003873		
Material Cost	.150269	.058188	.014292	.022216	.027451	.013931	.070155	.043631		
Equipment Hours	.005383	.011046	.003137	.003328	.004638	.002992	.017605	.003428		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.007409	.004282	.003052	.003150	.017659	.016791	.004147	.004170		
Material Cost	.150794	.052506	.018115	.015676	.587286	.258183	.036200	.047275		
Equipment Hours	.005334	.003864	.003023	.003139	.010348	.013963	.033857	.003746		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.027547	.008217	.003113	.003165	.003100	.008385	.004187	.003949		
Material Cost	.300709	.037932	.013934	.014758	.016015	.024482	.024500	.042230		
Equipment Hours	.025475	.007785	.003113	.003163	.003089	.008385	.004037	.003496		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.008494	.003700	.050873	.005847	.003099	.003110	.017945	.009677		
Material Cost	.153081	.034241	.196646	.049769	.019750	.015520	.595423	.261062		
Equipment Hours	.006432	.003403	.039588	.005715	.003071	.003099	.010454	.006376		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.007688	.004931	.003531	.003187	.030941	.006787	.010438	.005219		
Material Cost	.161241	.039983	.024496	.014324	.196527	.016068	.046625	.060802		
Equipment Hours	.005484	.004614	.003520	.003187	.030941	.006787	.010252	.004785		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.007540	.003564	.002961	.002994	.004086	.003323	.013196	.004209		
Material Cost	.151260	.032542	.013853	.015646	.018116	.029209	.718387	.045436		
Equipment Hours	.005422	.003278	.002961	.002984	.004086	.003179	.011027	.003627		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.023684	.009188	.011650	.014616	.003132	.012320	.003360	.004396		
Material Cost	.978775	.251366	.056031	.048298	.017017	.055722	.023737	.043710		
Equipment Hours	.013552	.006075	.010913	.012074	.003121	.008317	.003202	.003827		

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UM = Unit of Measure ID
TD = Trade ID

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HOSPITAL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000112	.000833	.001233	.001850	.002027	.001664	.001979	.001862
Material Cost	.000724	.001502	.001810	.003211	.003396	.002423	.003766	.013466
Equipment Hours	.000112	.000833	.001233	.001704	.001960	.001664	.001851	.001851
Years	9	10	11	12	13	14	15	16
Labor Hours	.002944	.002577	.002439	.002160	.003099	.001518	.002016	.003092
Material Cost	.031071	.033095	.035999	.035304	.018572	.015404	.004399	.026507
Equipment Hours	.002843	.002428	.002408	.002116	.002383	.001488	.002010	.002953
Years	17	18	19	20	21	22	23	24
Labor Hours	.002373	.001429	.002460	.002121	.005251	.002254	.001614	.002335
Material Cost	.007344	.015271	.041747	.036843	.052029	.037233	.028286	.020512
Equipment Hours	.002284	.001414	.002267	.002097	.005137	.002101	.001582	.002118
Years	25	26	27	28	29	30	31	32
Labor Hours	.003109	.006770	.019209	.002109	.002502	.002940	.003146	.003577
Material Cost	.010893	.044469	.056604	.026093	.049257	.052399	.055779	.067590
Equipment Hours	.002740	.004256	.010476	.001851	.002336	.002640	.002812	.003296
Years	33	34	35	36	37	38	39	40
Labor Hours	.002468	.002018	.001875	.001658	.002220	.002408	.002280	.002349
Material Cost	.038290	.031182	.021887	.026743	.025723	.033843	.037432	.041755
Equipment Hours	.002279	.001681	.001678	.001475	.001808	.001888	.001979	.001940
Years	41	42	43	44	45	46	47	48
Labor Hours	.008881	.007427	.002480	.002545	.002327	.002585	.002754	.002026
Material Cost	.080974	.071477	.040181	.047035	.025462	.027787	.036930	.022012
Equipment Hours	.005460	.005509	.002129	.002344	.002261	.002367	.002671	.001907
Years	49	50	51	52	53	54	55	56
Labor Hours	.002735	.002476	.007149	.002542	.018995	.001946	.002331	.002624
Material Cost	.037941	.027057	.059861	.021534	.055756	.019459	.015573	.028576
Equipment Hours	.002419	.002256	.004666	.002307	.010323	.001930	.002161	.002544
Years	57	58	59	60	61	62	63	64
Labor Hours	.002221	.002038	.002159	.003038	.003164	.004596	.002519	.002730
Material Cost	.021159	.021568	.032243	.030153	.034141	.062212	.033277	.045460
Equipment Hours	.002193	.001858	.002091	.002588	.002849	.004443	.002074	.002387
Years	65	66	67	68	69	70	71	72
Labor Hours	.002902	.002381	.002841	.002199	.002208	.002484	.001913	.002149
Material Cost	.032897	.031734	.031345	.027969	.036570	.037421	.039872	.041250
Equipment Hours	.002611	.002234	.002537	.002044	.002002	.002094	.001691	.001877
Years	73	74	75	76	77	78	79	80
Labor Hours	.002586	.001931	.002722	.039564	.002816	.002280	.087601	.003018
Material Cost	.036933	.033172	.029589	.117911	.040251	.034843	.206923	.040508
Equipment Hours	.002103	.001717	.002233	.020723	.002630	.001977	.044907	.002439

HOSPITAL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.00797	.005798	.005856	.005913	.007709	.004393	.004407	.004583
Material Cost	.005687	.014904	.014408	.014469	.036323	.035905	.025277	.050623
Equipment Hours	.000797	.004719	.004754	.004806	.006583	.005289	.005305	.005441
Years	9	10	11	12	13	14	15	16
Labor Hours	.008090	.004473	.004444	.005708	.008734	.006774	.006526	.006405
Material Cost	.041431	.029156	.040328	.051906	.142384	.047508	.096105	.067256
Equipment Hours	.006947	.005347	.005262	.005509	.007221	.005575	.005072	.005192
Years	17	18	19	20	21	22	23	24
Labor Hours	.008397	.026020	.006405	.006956	.008136	.006768	.026029	.006830
Material Cost	.127323	.425590	.065779	.120855	.111775	.139340	.447246	.094329
Equipment Hours	.006946	.010135	.005200	.005349	.006791	.005296	.010090	.005490
Years	25	26	27	28	29	30	31	32
Labor Hours	.008696	.007363	.008427	.007145	.008933	.007976	.007368	.008264
Material Cost	.123402	.141643	.253245	.101476	.100455	.136659	.194629	.230192
Equipment Hours	.007218	.005788	.006034	.005694	.007552	.006330	.005667	.005885
Years	33	34	35	36	37	38	39	40
Labor Hours	.008527	.006625	.006558	.006709	.027513	.006722	.006118	.007062
Material Cost	.107970	.058399	.094812	.119130	.458761	.131418	.082265	.133739
Equipment Hours	.007130	.005370	.005158	.005322	.011578	.005267	.004812	.005368
Years	41	42	43	44	45	46	47	48
Labor Hours	.008622	.026287	.006578	.006984	.008329	.007321	.006839	.006494
Material Cost	.345802	.428110	.071609	.097745	.083147	.118768	.058321	.055343
Equipment Hours	.006937	.010318	.005371	.005560	.007152	.005750	.005552	.005166
Years	49	50	51	52	53	54	55	56
Labor Hours	.008487	.007006	.007117	.006697	.008504	.007057	.007019	.027301
Material Cost	.080248	.070404	.128504	.070617	.093595	.123140	.149012	.562363
Equipment Hours	.007142	.005607	.005630	.005423	.007120	.005469	.005407	.010472
Years	57	58	59	60	61	62	63	64
Labor Hours	.008339	.006729	.008462	.006783	.029424	.006752	.006947	.007003
Material Cost	.154214	.118589	.160291	.123060	.684837	.112826	.085022	.109924
Equipment Hours	.006758	.005338	.006578	.005352	.012274	.005380	.005594	.005605
Years	65	66	67	68	69	70	71	72
Labor Hours	.008508	.006503	.006930	.006820	.006927	.006744	.006795	.006880
Material Cost	.116403	.108180	.125261	.087842	.128426	.075453	.068104	.094551
Equipment Hours	.007155	.005101	.005573	.005483	.006307	.005436	.005463	.005507
Years	73	74	75	76	77	78	79	80
Labor Hours	.008119	.006749	.025614	.006478	.008072	.007088	.006965	.026506
Material Cost	.072330	.102860	.411113	.064733	.071159	.118570	.105570	.481627
Equipment Hours	.006814	.005281	.009643	.005217	.006816	.005408	.005516	.010435

HOSPITAL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical	UM TD	2 2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000151	.000655	.000882	.000872	.000970	.001712	.001964	.001694
Material Cost	.000000	.000074	.000557	.001415	.001578	.021465	.017891	.017787
Equipment Hours	.000151	.000655	.000882	.000872	.000970	.001712	.001964	.001694
Years	9	10	11	12	13	14	15	16
Labor Hours	.002040	.001967	.003556	.002577	.002874	.002651	.002833	.002994
Material Cost	.022560	.020162	.073484	.046601	.047336	.047307	.047396	.048122
Equipment Hours	.002040	.001967	.003556	.002577	.002872	.002648	.002830	.002990
Years	17	18	19	20	21	22	23	24
Labor Hours	.003019	.002798	.003075	.002766	.003448	.002516	.002629	.002561
Material Cost	.053976	.042218	.054357	.042054	.074747	.032259	.039806	.041461
Equipment Hours	.003014	.002795	.003069	.002762	.003433	.002514	.002623	.002554
Years	25	26	27	28	29	30	31	32
Labor Hours	.002820	.002791	.002956	.002968	.002938	.002760	.010052	.005504
Material Cost	.033561	.061566	.081796	.065803	.051512	.060900	.741213	.320440
Equipment Hours	.002818	.002760	.002933	.002939	.002923	.002731	.006944	.004551
Years	33	34	35	36	37	38	39	40
Labor Hours	.003399	.003290	.003282	.003651	.003962	.003750	.003991	.003941
Material Cost	.078913	.081024	.079762	.073558	.078317	.068966	.080344	.076855
Equipment Hours	.003396	.003230	.003277	.003648	.003957	.003745	.003981	.003932
Years	41	42	43	44	45	46	47	48
Labor Hours	.003669	.002955	.002839	.002593	.002785	.002640	.002707	.002417
Material Cost	.076033	.044798	.033726	.041804	.034573	.057287	.057246	.051172
Equipment Hours	.003669	.002949	.002832	.002585	.002778	.002631	.002698	.002408
Years	49	50	51	52	53	54	55	56
Labor Hours	.002693	.002341	.004064	.003358	.003616	.003389	.003707	.003927
Material Cost	.089462	.054622	.100950	.075187	.089454	.073737	.096338	.084845
Equipment Hours	.002663	.002334	.004057	.003354	.003607	.003385	.003697	.003897
Years	57	58	59	60	61	62	63	64
Labor Hours	.004017	.004033	.004106	.003972	.009913	.002499	.004939	.002447
Material Cost	.111548	.086766	.078997	.083968	.721108	.048575	.275216	.038869
Equipment Hours	.003991	.004005	.004100	.003931	.006624	.002469	.004011	.002396
Years	65	66	67	68	69	70	71	72
Labor Hours	.002479	.002666	.002845	.002599	.002965	.002799	.004132	.003263
Material Cost	.042541	.050237	.054774	.047211	.061016	.048840	.107335	.069728
Equipment Hours	.002458	.002660	.002835	.002586	.002956	.002793	.004120	.003235
Years	73	74	75	76	77	78	79	80
Labor Hours	.003898	.003444	.003578	.003700	.003738	.003573	.003846	.003562
Material Cost	.080862	.081262	.072761	.081096	.081301	.075888	.108909	.075629
Equipment Hours	.003892	.003434	.003572	.003693	.003733	.003566	.003819	.003556

HOSPITAL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	UM TD	2 2						
Years								
Labor Hours	.000095	.000150	.000144	.000157	.000149	.000253	.000254	.000258
Material Cost	.000000	.000000	.000045	.000163	.000073	.000377	.000365	.000250
Equipment Hours	.000095	.000150	.000144	.000157	.000149	.000253	.000254	.000258
Years								
Labor Hours	.000256	.000262	.000317	.000330	.000314	.000333	.000328	.000312
Material Cost	.000412	.000455	.000405	.000451	.000380	.000577	.000577	.000460
Equipment Hours	.000256	.000262	.000317	.000330	.000314	.000333	.000328	.000312
Years								
Labor Hours	.000306	.000309	.000297	.000305	.000250	.000339	.000233	.000234
Material Cost	.002988	.003345	.002554	.002468	.002849	.001176	.001210	.001242
Equipment Hours	.000306	.000309	.000297	.000305	.000250	.000339	.000233	.000234
Years								
Labor Hours	.000233	.000297	.0001385	.000327	.000332	.000322	.000349	.000362
Material Cost	.002435	.002428	.727285	.004195	.003835	.002770	.003634	.004748
Equipment Hours	.000233	.000297	.000595	.000327	.000332	.000322	.000349	.000362
Years								
Labor Hours	.000361	.000357	.000368	.000368	.000376	.000368	.000366	.000369
Material Cost	.003709	.002696	.003679	.002945	.002227	.001598	.002253	.002085
Equipment Hours	.000361	.000357	.000368	.000368	.000376	.000368	.000366	.000369
Years								
Labor Hours	.000279	.000268	.000250	.000245	.000246	.000289	.000293	.000302
Material Cost	.002544	.002533	.003987	.003040	.002496	.003443	.005348	.002628
Equipment Hours	.000279	.000268	.000250	.000245	.000246	.000289	.000293	.000302
Years								
Labor Hours	.000310	.000303	.000363	.000357	.0001420	.000370	.000371	.000375
Material Cost	.003291	.002689	.002985	.001849	.727194	.002238	.002135	.002706
Equipment Hours	.000310	.000303	.000363	.000357	.000630	.000370	.000371	.000375
Years								
Labor Hours	.000377	.000374	.000385	.000370	.000268	.000251	.000224	.000230
Material Cost	.003536	.003000	.003893	.002874	.003500	.004594	.002520	.003261
Equipment Hours	.000377	.000374	.000385	.000370	.000268	.000251	.000224	.000230
Years								
Labor Hours	.000221	.000298	.000298	.000317	.000325	.000317	.000370	.000364
Material Cost	.003192	.001957	.002702	.001390	.002081	.001925	.003542	.003364
Equipment Hours	.000221	.000298	.000298	.000317	.000325	.000317	.000370	.000364
Years								
Labor Hours	.000376	.000381	.000377	.000361	.000367	.000355	.001418	.000351
Material Cost	.003547	.003282	.003724	.002833	.004870	.002831	.728271	.002819
Equipment Hours	.000376	.000381	.000377	.000361	.000367	.000355	.000629	.000351

DENTAL CLINIC

Resources Per Square Foot

Task Description	UM	TD										
0000000 Total Summary	2	1										
Years	1	2	3	4	5	6	7	8				
Labor Hours	.007337	.021539	.026789	.029562	.032882	.030852	.029819	.040747				
Material Cost	.031942	.064186	.073006	.094036	.124623	.134221	.151318	.293187				
Equipment Hours	.005663	.018032	.022738	.025155	.028918	.026783	.025880	.034386				
Years	9	10	11	12	13	14	15	16				
Labor Hours	.046103	.034833	.041020	.038233	.048249	.045085	.048987	.052184				
Material Cost	.515754	.418339	.557664	.501557	.762652	.648878	1.202318	.638945				
Equipment Hours	.038848	.030639	.037094	.033359	.041345	.034777	.038207	.045388				
Years	17	18	19	20	21	22	23	24				
Labor Hours	.046835	.036550	.065059	.039348	.066524	.036919	.039662	.053114				
Material Cost	.715000	.573223	1.756680	1.650071	.892087	.691656	.516555	.426130				
Equipment Hours	.036467	.032140	.045307	.033530	.060027	.032016	.035210	.046070				
Years	25	26	27	28	29	30	31	32				
Labor Hours	.050518	.052323	.065470	.044842	.055767	.051666	.074236	.044528				
Material Cost	.659756	.560075	.832280	.861191	1.142463	1.484211	3.098993	.809419				
Equipment Hours	.042238	.044628	.045742	.038133	.042778	.038711	.059382	.038384				
Years	33	34	35	36	37	38	39	40				
Labor Hours	.032408	.039297	.037646	.039557	.063842	.054741	.043786	.052223				
Material Cost	1.061347	.580121	.516615	.500155	1.434407	1.161625	.670030	2.305195				
Equipment Hours	.044218	.033042	.032500	.034924	.048441	.044491	.036969	.038540				
Years	41	42	43	44	45	46	47	48				
Labor Hours	.101630	.045277	.045703	.042427	.047591	.044037	.040701	.045935				
Material Cost	1.330097	.510959	.809582	1.047563	.454637	.637683	.595635	.618515				
Equipment Hours	.074709	.035982	.037890	.034257	.041657	.037729	.036373	.040993				
Years	49	50	51	52	53	54	55	56				
Labor Hours	.055836	.043350	.092117	.051028	.070652	.038978	.059781	.047541				
Material Cost	1.037287	.568932	.842733	.784021	1.146884	.486812	1.433487	.895725				
Equipment Hours	.044457	.036589	.070451	.042952	.050668	.032450	.044896	.038622				
Years	57	58	59	60	61	62	63	64				
Labor Hours	.064193	.048349	.048459	.048298	.091828	.037897	.043474	.041052				
Material Cost	1.363122	1.329555	2.103776	.681818	2.973901	.583903	.852908	.398548				
Equipment Hours	.048125	.039984	.038686	.040556	.076604	.033132	.037679	.036332				
Years	65	66	67	68	69	70	71	72				
Labor Hours	.060308	.048849	.046120	.040064	.043727	.044259	.060745	.046622				
Material Cost	.789858	.786059	.483824	.680208	.647813	.613730	1.568902	1.520154				
Equipment Hours	.047993	.038314	.037964	.035034	.038453	.036049	.050600	.038903				
Years	73	74	75	76	77	78	79	80				
Labor Hours	.078661	.052792	.048805	.211829	.045129	.045138	.076944	.047366				
Material Cost	2.184685	1.053591	.699954	1.096819	.549785	.984558	2.412020	.676830				
Equipment Hours	.058523	.040217	.040912	.125514	.040248	.037730	.052781	.038484				

DENTAL CLINIC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing		UM ID 2 17						
Years	1	2	3	4	5	6	7	8
Labor Hours	.003348	.004055	.005095	.004450	.004140	.004979	.004498	.004590
Material Cost	.018634	.026715	.028779	.025861	.027232	.026715	.026715	.026715
Equipment Hours	.001674	.002028	.002548	.002226	.002071	.002490	.002249	.002296
Years	9	10	11	12	13	14	15	16
Labor Hours	.005416	.004541	.004199	.004937	.006002	.017399	.012089	.005224
Material Cost	.026715	.027232	.026715	.026715	.072975	.074440	.198851	.045852
Equipment Hours	.002708	.002271	.002100	.002469	.003002	.008700	.006045	.002613
Years	17	18	19	20	21	22	23	24
Labor Hours	.005780	.004575	.008066	.005365	.004740	.004504	.004937	.005125
Material Cost	.034215	.028502	.062704	.029242	.032372	.027454	.026715	.037512
Equipment Hours	.002891	.002288	.004033	.002683	.002370	.002253	.002469	.002563
Years	25	26	27	28	29	30	31	32
Labor Hours	.005338	.008634	.029714	.008115	.011337	.008293	.005598	.004895
Material Cost	.026715	.080826	.357793	.075389	.113671	.075510	.045997	.028779
Equipment Hours	.002669	.004318	.014857	.004058	.005669	.004147	.002799	.002448
Years	33	34	35	36	37	38	39	40
Labor Hours	.004840	.004847	.005216	.004957	.004101	.007123	.006062	.016615
Material Cost	.027232	.033775	.026715	.029525	.027232	.062216	.072975	.35303
Equipment Hours	.002420	.002425	.002609	.002479	.002051	.003562	.003032	.008308
Years	41	42	43	44	45	46	47	48
Labor Hours	.006845	.004246	.008751	.006973	.007016	.005958	.004422	.004392
Material Cost	.074186	.026715	.121236	.078995	.058548	.035257	.026011	.029147
Equipment Hours	.003423	.002124	.004376	.003487	.003508	.002979	.002211	.002197
Years	49	50	51	52	53	54	55	56
Labor Hours	.005437	.004128	.004377	.008510	.029716	.008823	.004750	.005481
Material Cost	.030029	.024553	.027454	.073843	.357793	.083604	.026715	.034215
Equipment Hours	.002719	.002064	.002189	.004255	.014859	.004412	.002375	.002741
Years	57	58	59	60	61	62	63	64
Labor Hours	.011138	.006249	.008293	.005734	.005098	.004885	.004256	.005006
Material Cost	.115099	.048062	.075510	.045997	.028077	.029147	.026715	.027020
Equipment Hours	.005569	.003125	.004147	.002868	.002550	.002443	.002129	.002503
Years	65	66	67	68	69	70	71	72
Labor Hours	.006121	.016804	.006678	.004644	.005724	.004548	.008882	.005681
Material Cost	.073125	.356416	.072975	.026715	.034624	.026865	.111192	.047640
Equipment Hours	.003061	.008402	.003340	.002322	.002862	.002275	.004441	.002841
Years	73	74	75	76	77	78	79	80
Labor Hours	.006333	.006373	.006984	.004953	.005136	.008556	.029593	.008066
Material Cost	.075143	.056282	.062216	.033361	.029290	.076129	.355632	.075714
Equipment Hours	.003167	.003187	.003492	.002477	.002568	.004278	.014797	.004034

DENTAL CLINIC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
040000 Exterior Closure										
Years	1									
Labor Hours	.000103	.000158	.000218	.000894	.001233	.001009	.000937	.004819		
Material Cost	.000554	.000868	.000857	.001810	.003986	.004691	.003475	.013533		
Equipment Hours	.000103	.000158	.000218	.000894	.001233	.001009	.000937	.004819		
Years	9									
Labor Hours	.001391	.001799	.001227	.000833	.000896	.001260	.003344	.003776		
Material Cost	.003369	.021546	.034651	.035940	.036084	.015907	.016713	.012668		
Equipment Hours	.001391	.001799	.001227	.000833	.000896	.001260	.003344	.003776		
Years	17									
Labor Hours	.000983	.001346	.002012	.001486	.001689	.003199	.004897	.011165		
Material Cost	.006914	.005444	.008320	.008058	.016097	.036201	.043742	.042389		
Equipment Hours	.000983	.001346	.002012	.001486	.001689	.003199	.004897	.011165		
Years	25									
Labor Hours	.001547	.005555	.001005	.001118	.002270	.002283	.003035	.000986		
Material Cost	.022467	.017052	.009567	.004752	.010427	.009005	.013511	.007452		
Equipment Hours	.001547	.005555	.001005	.001118	.002270	.002283	.003035	.000986		
Years	33									
Labor Hours	.002319	.001631	.000985	.001407	.001892	.004772	.001184	.000934		
Material Cost	.034828	.035613	.033013	.033647	.011455	.018374	.007575	.007176		
Equipment Hours	.002319	.001631	.000985	.001407	.001892	.004772	.001184	.000934		
Years	41									
Labor Hours	.002044	.001347	.001904	.002247	.006086	.001553	.005112	.007547		
Material Cost	.007856	.008485	.018685	.037770	.049006	.036256	.029801	.017658		
Equipment Hours	.002044	.001347	.001904	.002247	.006079	.001553	.005112	.007547		
Years	49									
Labor Hours	.001785	.003191	.001719	.006316	.000964	.000702	.001954	.001638		
Material Cost	.019100	.014761	.008421	.017122	.017156	.018060	.040204	.036795		
Equipment Hours	.001777	.003191	.001719	.006316	.000964	.000702	.001954	.001638		
Years	57									
Labor Hours	.002771	.001751	.001712	.003914	.002011	.002304	.001125	.001974		
Material Cost	.046089	.021975	.018229	.020338	.018699	.033913	.030986	.038225		
Equipment Hours	.002771	.001751	.001712	.003914	.002011	.002304	.001125	.001974		
Years	65									
Labor Hours	.003897	.001836	.005018	.001997	.004003	.002902	.008818	.002630		
Material Cost	.047520	.061339	.081959	.084088	.074775	.053276	.066228	.053058		
Equipment Hours	.003897	.001815	.005018	.001990	.004003	.002902	.008818	.002630		
Years	73									
Labor Hours	.004631	.005491	.004286	.002861	.003783	.002365	.002813	.003041		
Material Cost	.058087	.078108	.090753	.061839	.058338	.044437	.053044	.042632		
Equipment Hours	.004631	.005491	.004286	.002861	.003783	.002365	.002813	.003041		

DENTAL CLINIC									
Resources Per Square Foot									
Task Description	1	2	3	4	5	6	7	8	
0500000 Interior Construction									
Years	1	2	3	4	5	6	7	8	
Labor Hours	.000006	.000010	.000038	.001963	.002086	.000185	.000323	.002330	
Material Cost	.000144	.000278	.000403	.000464	.020741	.013634	.018489	.026227	
Equipment Hours	.000006	.000010	.000038	.001963	.002086	.000185	.000323	.002330	
Years	9	10	11	12	13	14	15	16	
Labor Hours	.002588	.000768	.000815	.002624	.002523	.000739	.000890	.003343	
Material Cost	.060993	.056439	.054598	.059054	.056656	.053231	.051237	.039620	
Equipment Hours	.002588	.000768	.000815	.002624	.002523	.000739	.000890	.003028	
Years	17	18	19	20	21	22	23	24	
Labor Hours	.002075	.000381	.001833	.002567	.003240	.001177	.000896	.002623	
Material Cost	.021526	.022485	.049896	.058015	.070437	.059002	.053373	.055436	
Equipment Hours	.002075	.000381	.001140	.002567	.002989	.001113	.000896	.002623	
Years	25	26	27	28	29	30	31	32	
Labor Hours	.003020	.001415	.000804	.002721	.002810	.000755	.002117	.003110	
Material Cost	.073815	.071341	.040311	.047313	.048921	.037622	.090955	.105015	
Equipment Hours	.003020	.001415	.000804	.002721	.002810	.000755	.002117	.003110	
Years	33	34	35	36	37	38	39	40	
Labor Hours	.002657	.002608	.002345	.003117	.005139	.001726	.002309	.001366	
Material Cost	.081019	.098669	.098054	.102222	.131645	.063610	.075772	.061485	
Equipment Hours	.002657	.002358	.002260	.003117	.004043	.001726	.002059	.001302	
Years	41	42	43	44	45	46	47	48	
Labor Hours	.000832	.001559	.001525	.002264	.002307	.002125	.001727	.002202	
Material Cost	.038362	.046991	.042760	.049096	.052922	.049069	.050969	.045306	
Equipment Hours	.000832	.001559	.001525	.002264	.002286	.002125	.001727	.002202	
Years	49	50	51	52	53	54	55	56	
Labor Hours	.002609	.002007	.019142	.002658	.002075	.001359	.003034	.001960	
Material Cost	.082052	.078883	.078442	.071756	.057982	.057312	.096475	.046167	
Equipment Hours	.002609	.002007	.010263	.002408	.002011	.001359	.002341	.001960	
Years	57	58	59	60	61	62	63	64	
Labor Hours	.002546	.001547	.002079	.002326	.002618	.001220	.001057	.002960	
Material Cost	.054133	.053484	.043502	.076022	.078682	.073594	.059182	.067988	
Equipment Hours	.002295	.001483	.001676	.002326	.002618	.001220	.001057	.002960	
Years	65	66	67	68	69	70	71	72	
Labor Hours	.003112	.001701	.000724	.002712	.002703	.001265	.001646	.003353	
Material Cost	.081770	.078348	.040330	.050281	.046012	.049838	.082676	.093722	
Equipment Hours	.003112	.001680	.000724	.002712	.002703	.001015	.001582	.003353	
Years	73	74	75	76	77	78	79	80	
Labor Hours	.004571	.001487	.001913	.003585	.003391	.000932	.000997	.001538	
Material Cost	.115539	.092291	.097920	.084051	.087315	.039986	.055339	.051699	
Equipment Hours	.003878	.001487	.001642	.003521	.003391	.000932	.000997	.001538	

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UM = Unit of Measure ID

TD = Trade ID

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DENTAL CLINIC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1									
Labor Hours	.00363	.003443	.003443	.003443	.003467	.003355	.003656	.003443		
Material Cost	.002815	.017522	.017522	.017522	.019103	.007144	.020338	.017522		
Equipment Hours	.000363	.003443	.003443	.003443	.003467	.003355	.003656	.003443		
Years	9									
Labor Hours	.008885	.004340	.008789	.003451	.008222	.003622	.003480	.003480		
Material Cost	.178930	.028984	.037798	.017559	.035321	.018017	.017771	.017771		
Equipment Hours	.006461	.004340	.008789	.003451	.008222	.003622	.003480	.003480		
Years	17									
Labor Hours	.009101	.004724	.024152	.003846	.021603	.004063	.004706	.004039		
Material Cost	.176953	.018456	.963840	.018814	.121918	.040369	.018954	.018141		
Equipment Hours	.006677	.004724	.014380	.003846	.020682	.003769	.004706	.004039		
Years	25									
Labor Hours	.008595	.009687	.004002	.005863	.004003	.003665	.019288	.003949		
Material Cost	.179395	.050458	.020075	.052533	.020914	.018032	.448017	.017808		
Equipment Hours	.006172	.009625	.004002	.005863	.004003	.003665	.018075	.003949		
Years	33									
Labor Hours	.009563	.005321	.004093	.003496	.022981	.008886	.007699	.004342		
Material Cost	.199843	.088809	.040581	.017699	.907312	.093152	.096068	.041059		
Equipment Hours	.007140	.004400	.003799	.003496	.014044	.008052	.006779	.004048		
Years	41									
Labor Hours	.024456	.003651	.005328	.003848	.003675	.007579	.004880	.003574		
Material Cost	.207474	.017736	.021594	.018185	.020172	.030318	.019328	.017827		
Equipment Hours	.022032	.003651	.005328	.003848	.003675	.007579	.004880	.003574		
Years	49									
Labor Hours	.009037	.003832	.035234	.007778	.004214	.003585	.021944	.005254		
Material Cost	.180525	.018872	.155341	.108406	.042339	.017858	.897822	.082460		
Equipment Hours	.006613	.003832	.028108	.006456	.003921	.003585	.013007	.004420		
Years	57									
Labor Hours	.010443	.004832	.004419	.004048	.031339	.003948	.009118	.005471		
Material Cost	.247971	.064816	.025856	.018295	.465675	.017807	.054399	.033021		
Equipment Hours	.007099	.006539	.004419	.004048	.030126	.003948	.008856	.005471		
Years	65									
Labor Hours	.009287	.003463	.003871	.003998	.003633	.005891	.011915	.003528		
Material Cost	.178831	.017546	.020813	.095392	.019751	.108485	.703093	.017818		
Equipment Hours	.006669	.003463	.003871	.003772	.003633	.004778	.009482	.003528		
Years	73									
Labor Hours	.029480	.005215	.008678	.021015	.004296	.005241	.003983	.004333		
Material Cost	1.209516	.082827	.119930	.023124	.021337	.021337	.021697	.018610		
Equipment Hours	.017002	.004380	.007523	.015473	.004296	.004913	.003983	.004333		

DENTAL CLINIC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000334	.002309	.005474	.005647	.007207	.005625	.004563	.009568
Material Cost	.003019	.005499	.008844	.018579	.016451	.011104	.019434	.148725
Equipment Hours	.000334	.002309	.005450	.005092	.006791	.005601	.004352	.009142
Years	9	10	11	12	13	14	15	16
Labor Hours	.009902	.007346	.006872	.007539	.009868	.003981	.004611	.011499
Material Cost	.163191	.152944	.181477	.175121	.232864	.034069	.046732	.162012
Equipment Hours	.009257	.006994	.006690	.006968	.008225	.003922	.006525	.010899
Years	17	18	19	20	21	22	23	24
Labor Hours	.007760	.007306	.007171	.007035	.014861	.006634	.006810	.012448
Material Cost	.044173	.270972	.190070	.179092	.246414	.367838	.200534	.059581
Equipment Hours	.007275	.007077	.006782	.006585	.014036	.006167	.006632	.009647
Years	25	26	27	28	29	30	31	32
Labor Hours	.011973	.008450	.009959	.008036	.007287	.012469	.009495	.010693
Material Cost	.042423	.115674	.081928	.443687	.177657	.232394	.323872	.246969
Equipment Hours	.010479	.007013	.007505	.007471	.006715	.009610	.008272	.009772
Years	33	34	35	36	37	38	39	40
Labor Hours	.010498	.004427	.006564	.006811	.008500	.008260	.006561	.005445
Material Cost	.300563	.094399	.102755	.095035	.126145	.219538	.185666	.160227
Equipment Hours	.009667	.005455	.006037	.006418	.006855	.007323	.005745	.004711
Years	41	42	43	44	45	46	47	48
Labor Hours	.045429	.016037	.008233	.005735	.008120	.008158	.006852	.009613
Material Cost	.454609	.230992	.313214	.084717	.080208	.147273	.284013	.299571
Equipment Hours	.027099	.010560	.007264	.005360	.007459	.007152	.006365	.009086
Years	49	50	51	52	53	54	55	56
Labor Hours	.016822	.012737	.010047	.006923	.012651	.005020	.007653	.008832
Material Cost	.306001	.225401	.281528	.170185	.394178	.044029	.052795	.093569
Equipment Hours	.012686	.009687	.008317	.006461	.009716	.004678	.007098	.008755
Years	57	58	59	60	61	62	63	64
Labor Hours	.007670	.008436	.007149	.011122	.015588	.008201	.008041	.008153
Material Cost	.049719	.263764	.164498	.158236	.331411	.198288	.281492	.047614
Equipment Hours	.007576	.007704	.006627	.008543	.013910	.007622	.007292	.007780
Years	65	66	67	68	69	70	71	72
Labor Hours	.009501	.006614	.011396	.007727	.004607	.011816	.007994	.009122
Material Cost	.070851	.046588	.082064	.171659	.185960	.204797	.232211	.422017
Equipment Hours	.009222	.006201	.008306	.007521	.006238	.008815	.007068	.008477
Years	73	74	75	76	77	78	79	80
Labor Hours	.012095	.010691	.007998	.159580	.007168	.008005	.016310	.010654
Material Cost	.310849	.103342	.124968	.524409	.097585	.511954	.229071	.170565
Equipment Hours	.010252	.007413	.007170	.083225	.006720	.007122	.010983	.007443

DENTAL CLINIC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years								
Labor Hours	.002221	.009213	.009343	.010051	.011434	.010428	.010468	.011037
Material Cost	.006725	.012811	.012997	.017234	.031869	.021220	.025855	.022769
Equipment Hours	.002221	.007734	.007863	.008424	.009954	.008891	.008989	.009396
Years								
Labor Hours	.011986	.010657	.010715	.011634	.013226	.011264	.014909	.010870
Material Cost	.033787	.084761	.047892	.074226	.204960	.049999	.763148	.155569
Equipment Hours	.010507	.009085	.009089	.009798	.010967	.009722	.010266	.008850
Years								
Labor Hours	.013423	.010965	.014550	.012181	.011444	.010823	.010445	.010610
Material Cost	.331518	.125045	.392311	1.232074	.157854	.088749	.068942	.131549
Equipment Hours	.010860	.009081	.009688	.009512	.009743	.009009	.008663	.008938
Years								
Labor Hours	.012625	.011573	.012134	.011616	.020359	.016822	.012296	.011441
Material Cost	.218926	.118413	.185885	.098151	.666785	.995181	.329440	.079919
Equipment Hours	.010932	.009728	.009733	.009537	.013703	.010889	.009681	.009434
Years								
Labor Hours	.013843	.010371	.010259	.010566	.011918	.015049	.010180	.014057
Material Cost	.253393	.044459	.057033	.064025	.089938	.447989	.079206	1.532436
Equipment Hours	.011335	.008766	.008630	.008829	.010263	.010170	.008400	.009783
Years								
Labor Hours	.012595	.011105	.012451	.014557	.012838	.012055	.010859	.011866
Material Cost	.294067	.091831	.208892	.697185	.114202	.216651	.048196	.093852
Equipment Hours	.010296	.009423	.009994	.010271	.011114	.009762	.009251	.009670
Years								
Labor Hours	.013242	.011201	.010942	.010429	.012184	.010941	.011510	.015117
Material Cost	.278154	.067469	.050885	.180172	.060344	.100255	.167811	.422410
Equipment Hours	.011176	.009568	.009233	.008648	.010373	.009177	.009200	.009882
Years								
Labor Hours	.019734	.013900	.014731	.011169	.013242	.011152	.011213	.011172
Material Cost	.667783	.722303	1.590345	.190426	.180170	.152930	.103901	.076540
Equipment Hours	.012937	.009765	.010048	.008951	.010896	.009427	.009338	.009349
Years								
Labor Hours	.021589	.011161	.011089	.012070	.013135	.010604	.011439	.013814
Material Cost	.236018	.112965	.080822	.082689	.174025	.055735	.145009	.071885
Equipment Hours	.015327	.009523	.009374	.009832	.011109	.009048	.009187	.009603
Years								
Labor Hours	.012502	.015300	.010075	.010736	.012240	.010912	.013881	.010946
Material Cost	.258197	.483372	.045569	.126704	.078294	1.20994	1.514470	.120971
Equipment Hours	.010567	.010046	.008403	.008893	.010390	.008996	.009860	.009337

DENTAL CLINIC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years								
Labor Hours	.000456	.001651	.002507	.002400	.002642	.004420	.004558	.004104
Material Cost	.000050	.000493	.003404	.00496	.004864	.038052	.036387	.038095
Equipment Hours	.000456	.001651	.002507	.002400	.002642	.004402	.004558	.004104
Years								
Labor Hours	.005131	.004523	.007483	.006277	.006575	.005873	.006732	.006621
Material Cost	.042098	.045104	.169719	.105341	.098832	.096998	.101387	.093040
Equipment Hours	.005131	.004523	.007483	.006277	.006575	.005864	.006726	.006585
Years								
Labor Hours	.006815	.006343	.006365	.006000	.008108	.005718	.006136	.006310
Material Cost	.094309	.095717	.083792	.120166	.241393	.069609	.100826	.077855
Equipment Hours	.006809	.006332	.006361	.005983	.007678	.005714	.006112	.006300
Years								
Labor Hours	.006581	.006099	.006907	.006458	.006725	.006475	.021426	.008479
Material Cost	.073280	.099777	.130485	.114549	.156311	.111685	1.830266	.316305
Equipment Hours	.006579	.006072	.006891	.006449	.006632	.006459	.014419	.007710
Years								
Labor Hours	.007709	.007113	.007194	.008248	.008296	.007940	.008793	.008507
Material Cost	.160333	.178313	.151568	.154197	.137834	.253151	.148250	.144651
Equipment Hours	.007703	.007029	.007190	.008224	.008279	.007902	.008774	.008497
Years								
Labor Hours	.008591	.006485	.006661	.005981	.006719	.005673	.005957	.005861
Material Cost	.246877	.082039	.076938	.076085	.074509	.104678	.131751	.110476
Equipment Hours	.008145	.006472	.006648	.005959	.006706	.005642	.005935	.005836
Years								
Labor Hours	.005961	.005395	.009673	.007441	.007860	.007553	.007920	.008293
Material Cost	.133521	.134600	.236396	.158215	.214854	.161337	.146778	.174990
Equipment Hours	.005933	.005382	.009637	.007435	.007837	.007540	.007905	.008261
Years								
Labor Hours	.008856	.008627	.009061	.009024	.021079	.005376	.007851	.005531
Material Cost	.176037	.149016	.179220	.167265	1.852910	.072703	.289880	.082723
Equipment Hours	.008842	.008610	.009043	.008945	.013641	.005357	.007070	.005508
Years								
Labor Hours	.006004	.006347	.006442	.006016	.006966	.006347	.009070	.007494
Material Cost	.097037	.107576	.102112	.167589	.106495	.112353	.223139	.159230
Equipment Hours	.005909	.006307	.006429	.005983	.006948	.006330	.009039	.007472
Years								
Labor Hours	.008042	.007219	.007850	.008125	.008117	.008156	.008390	.007856
Material Cost	.152323	.151169	.151338	.145768	.170198	.143223	.176533	.171761
Equipment Hours	.008022	.007197	.007846	.008089	.008101	.008151	.008372	.007826

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 Resources Per Square Foot

Task Description	120000 Special Inter. Electr. System	UM	TD	1	2	3	4	5	6	7	8
Years	1	2	3	4	5	6	7	8			
Labor Hours	.000504	.000699	.000670	.000713	.000673	.000850	.000816	.000856			
Material Cost	.000000	.000000	.000000	.001071	.000357	.001662	.000623	.001600			
Equipment Hours	.000504	.000699	.000670	.000713	.000673	.000850	.000816	.000856			
Years	9	10	11	12	13	14	15	16			
Labor Hours	.000805	.000858	.000919	.000939	.000937	.000947	.000931	.000938			
Material Cost	.001671	.001328	.004815	.007600	.005158	.006216	.006477	.016540			
Equipment Hours	.000805	.000858	.000919	.000939	.000937	.000947	.000931	.000938			
Years	17	18	19	20	21	22	23	24			
Labor Hours	.000897	.000910	.000909	.000869	.000839	.000800	.000833	.000794			
Material Cost	.005390	.006603	.005749	.004610	.005601	.002434	.003470	.003666			
Equipment Hours	.000897	.000910	.000909	.000869	.000839	.000800	.000833	.000794			
Years	25	26	27	28	29	30	31	32			
Labor Hours	.000839	.000909	.000945	.000917	.000976	.000903	.000982	.000976			
Material Cost	.002736	.006534	.006238	.004817	.007779	.004782	.016935	.007173			
Equipment Hours	.000839	.000909	.000945	.000917	.000976	.000903	.000982	.000976			
Years	33	34	35	36	37	38	39	40			
Labor Hours	.000977	.000978	.000990	.000956	.001014	.000986	.000997	.000956			
Material Cost	.005134	.006083	.006896	.003806	.002846	.003596	.004519	.002856			
Equipment Hours	.000977	.000978	.000990	.000956	.001014	.000986	.000997	.000956			
Years	41	42	43	44	45	46	47	48			
Labor Hours	.000837	.000847	.000851	.000821	.000830	.000936	.000892	.000881			
Material Cost	.006667	.006170	.006264	.005529	.005069	.018181	.005564	.004677			
Equipment Hours	.000837	.000847	.000851	.000821	.000830	.000936	.000892	.000881			
Years	49	50	51	52	53	54	55	56			
Labor Hours	.000943	.000860	.000984	.000973	.000989	.000996	.001016	.000964			
Material Cost	.007904	.004393	.004066	.004322	.002238	.004355	.004866	.005119			
Equipment Hours	.000943	.000860	.000984	.000973	.000989	.000996	.001016	.000964			
Years	57	58	59	60	61	62	63	64			
Labor Hours	.001034	.001008	.001013	.000961	.000852	.000812	.000813	.000786			
Material Cost	.006289	.006137	.006616	.005238	.018277	.005522	.006353	.005479			
Equipment Hours	.001034	.001008	.001013	.000961	.000852	.000812	.000813	.000786			
Years	65	66	67	68	69	70	71	72			
Labor Hours	.000797	.000923	.000901	.000901	.000958	.000886	.000982	.000999			
Material Cost	.004704	.005281	.002750	.001794	.006171	.002382	.005355	.007784			
Equipment Hours	.000797	.000923	.000901	.000901	.000958	.000886	.000982	.000999			
Years	73	74	75	76	77	78	79	80			
Labor Hours	.001007	.001017	.001023	.000976	.000999	.000972	.000976	.000932			
Material Cost	.005032	.006200	.007260	.016724	.005641	.006497	.006234	.004879			
Equipment Hours	.001007	.001017	.001023	.000976	.000999	.000972	.000976	.000932			

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HEALTH CLINIC

Resources Per Square Foot

Task Description	UM	TD								
0000000 Total Summary	2	1								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.005128	.019149	.021430	.024460	.027214	.025085	.026788	.030898		
Material Cost	.023962	.060587	.069214	.080956	.122435	.135814	.156094	.217514		
Equipment Hours	.004098	.015415	.017463	.020514	.023417	.020944	.022579	.026578		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.040441	.030615	.037428	.035861	.038065	.035956	.040894	.034796		
Material Cost	.588482	.319382	.609431	.576968	.603649	.546090	.734160	.420575		
Equipment Hours	.031819	.026302	.032276	.030155	.031438	.028549	.033103	.029439		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.045840	.033358	.044988	.037297	.065762	.033594	.040415	.038096		
Material Cost	.921902	.410778	.976602	.624268	.721366	.421208	.700081	.347361		
Equipment Hours	.035317	.027871	.033778	.031152	.052378	.028299	.033422	.033196		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.054937	.042183	.038917	.042982	.045113	.033201	.055109	.042285		
Material Cost	.822927	.805069	.505751	.819174	.960790	.594903	1.749293	.874274		
Equipment Hours	.041337	.032671	.031043	.034591	.036035	.028260	.049244	.035335		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.049132	.034037	.040920	.038047	.046481	.043781	.038989	.042348		
Material Cost	.985810	.676456	.686839	.523035	.809591	.616023	.609914	.931014		
Equipment Hours	.037964	.028693	.033070	.032221	.036810	.036266	.031958	.032720		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.092005	.034635	.033360	.034999	.037561	.036216	.034195	.037821		
Material Cost	1.422387	.601138	.428836	.432605	.621195	.445002	.538717	.379211		
Equipment Hours	.063739	.028849	.028658	.029711	.031276	.030381	.028483	.033041		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.047054	.033913	.050469	.046542	.049457	.039807	.058873	.045430		
Material Cost	.830879	.514773	.831743	.573437	.576488	.778289	.829988	.858901		
Equipment Hours	.037525	.028288	.042325	.037454	.037500	.031237	.042762	.037071		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.049907	.040999	.046253	.038176	.091539	.035097	.036914	.038341		
Material Cost	1.231437	.678119	.878074	.634675	2.000456	.884876	.487160	.637283		
Equipment Hours	.036941	.033762	.035301	.032701	.076916	.028807	.030785	.032235		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.068096	.038114	.039774	.041155	.040622	.043450	.040865	.042200		
Material Cost	.975171	.566940	.563665	.957629	.598888	.714093	.706964	.845200		
Equipment Hours	.048800	.030963	.032767	.033441	.033909	.033742	.034013	.034722		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.041512	.039607	.055576	.109306	.043999	.042886	.041724	.040447		
Material Cost	1.78061	.805021	.776697	.687923	.659295	.572009	.725368	.600040		
Equipment Hours	.7377	.032000	.041421	.068962	.035524	.033674	.033408	.032458		

HEALTH CLINIC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
030000 Roofing								
Years								
Labor Hours	.002061	.004164	.004443	.004494	.004105	.004789	.004414	.004280
Material Cost	.011282	.030252	.030937	.030540	.029304	.034343	.034402	.028402
Equipment Hours	.001031	.002082	.002222	.002247	.002053	.002395	.002208	.002140
Years								
Labor Hours	.004451	.004444	.004633	.006521	.007326	.007820	.007894	.004323
Material Cost	.028690	.029592	.034055	.084660	.113555	.117249	.117255	.036301
Equipment Hours	.002226	.002222	.002317	.003261	.003663	.003910	.003947	.002412
Years								
Labor Hours	.004461	.005840	.007534	.005796	.021965	.004351	.004641	.004210
Material Cost	.031520	.044465	.069520	.045040	.263326	.028402	.031808	.031519
Equipment Hours	.002331	.002920	.003767	.002898	.010983	.002176	.002321	.002105
Years								
Labor Hours	.009262	.011642	.010727	.008643	.006573	.004424	.004632	.004392
Material Cost	.089028	.122683	.115466	.086780	.059149	.030540	.035033	.030246
Equipment Hours	.004631	.005821	.005364	.004322	.003287	.002212	.002317	.002196
Years								
Labor Hours	.004645	.004376	.005802	.004849	.005680	.007967	.007380	.008699
Material Cost	.031441	.030330	.049976	.035617	.050582	.100065	.113555	.133863
Equipment Hours	.002323	.002189	.002901	.002425	.002840	.003983	.003691	.004350
Years								
Labor Hours	.031100	.003999	.004663	.005090	.004800	.005440	.004950	.004157
Material Cost	.501116	.029959	.031519	.034514	.034227	.038323	.033347	.029266
Equipment Hours	.015550	.002000	.002332	.002545	.002400	.002721	.002476	.002079
Years								
Labor Hours	.004436	.004388	.009138	.011013	.011013	.008527	.006834	.006926
Material Cost	.030252	.029668	.092255	.115389	.117894	.087549	.060099	.060186
Equipment Hours	.002218	.002194	.004769	.005507	.005507	.004264	.003417	.003464
Years								
Labor Hours	.006145	.005269	.005351	.004156	.021347	.004481	.004296	.005383
Material Cost	.055405	.040780	.041175	.030252	.250524	.030531	.030252	.057489
Equipment Hours	.003073	.002635	.002676	.002079	.010674	.002241	.002148	.002692
Years								
Labor Hours	.007613	.007949	.007786	.005570	.004350	.004981	.005326	.005934
Material Cost	.114465	.120367	.115399	.058619	.028402	.033042	.039189	.051416
Equipment Hours	.003807	.003975	.003893	.002785	.002175	.002491	.002663	.002967
Years								
Labor Hours	.004806	.005610	.007245	.004954	.009984	.012183	.010799	.008729
Material Cost	.033715	.050380	.073599	.036885	.106612	.134508	.115754	.088660
Equipment Hours	.002403	.002805	.003623	.002477	.004992	.006092	.005400	.004365

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Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1									
Labor Hours	.000166	.000246	.000256	.000612	.001997	.000590	.002378	.001601		
Material Cost	.000726	.001109	.001252	.003460	.008580	.004565	.006058	.007776		
Equipment Hours	.000166	.000246	.000256	.000612	.001997	.000590	.002378	.001601		
Years	9									
Labor Hours	.001664	.002951	.002640	.001574	.000819	.001763	.003387	.001809		
Material Cost	.012921	.017509	.017061	.013128	.013597	.01204	.018826	.013351		
Equipment Hours	.001664	.002951	.002640	.001574	.000819	.001763	.003387	.001809		
Years	17									
Labor Hours	.002438	.001610	.003238	.002130	.001039	.002756	.003941	.003346		
Material Cost	.012855	.007159	.013390	.012318	.013451	.016972	.019396	.019964		
Equipment Hours	.002438	.001610	.003238	.002130	.001039	.002756	.003941	.003346		
Years	25									
Labor Hours	.002889	.002581	.002824	.000906	.003157	.001956	.001434	.002807		
Material Cost	.016343	.011636	.009530	.005134	.026251	.026451	.019734	.026984		
Equipment Hours	.002889	.002581	.002824	.000906	.003157	.001956	.001434	.002807		
Years	33									
Labor Hours	.003332	.003226	.000736	.000651	.003006	.003174	.001889	.001619		
Material Cost	.024061	.033340	.021473	.014008	.027424	.017955	.022504	.015824		
Equipment Hours	.003332	.003226	.000736	.000651	.003006	.003174	.001889	.001619		
Years	41									
Labor Hours	.001833	.000895	.002035	.003566	.002792	.003024	.003300	.002745		
Material Cost	.007978	.010416	.011806	.013447	.014777	.012330	.022864	.011688		
Equipment Hours	.001833	.000895	.002035	.003566	.002792	.003024	.003300	.002745		
Years	49									
Labor Hours	.002056	.000955	.004575	.003416	.001986	.001594	.001747	.003915		
Material Cost	.016316	.010003	.023749	.017143	.015866	.013897	.011081	.015565		
Equipment Hours	.002056	.000955	.004575	.003416	.001952	.001594	.001747	.003915		
Years	57									
Labor Hours	.001047	.001784	.001631	.001922	.004162	.002257	.002234	.001667		
Material Cost	.021606	.015418	.016145	.018507	.030228	.045462	.042064	.042165		
Equipment Hours	.001013	.001784	.001631	.001922	.004100	.002257	.002234	.001667		
Years	65									
Labor Hours	.003137	.003727	.004879	.002712	.004182	.004423	.003408	.002110		
Material Cost	.047203	.072653	.067451	.063738	.082177	.065851	.074319	.045180		
Equipment Hours	.003137	.003693	.004845	.002712	.004148	.004389	.003408	.002076		
Years	73									
Labor Hours	.004538	.004469	.007918	.003630	.002655	.002930	.002150	.003961		
Material Cost	.063762	.073941	.135571	.068286	.063129	.068234	.060149	.064391		
Equipment Hours	.004538	.004402	.006103	.003597	.002655	.002896	.002116	.003961		

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Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0500000 Interior Construction	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000002	.000005	.000005	.002461	.002942	.000611	.000651	.003165
Material Cost	.000018	.000039	.000039	.007664	.041376	.034389	.045142	.045142
Equipment Hours	.000002	.000005	.000005	.002461	.002942	.000611	.000651	.003165
Years	9	10	11	12	13	14	15	16
Labor Hours	.003505	.001038	.001137	.003478	.003556	.001184	.001186	.003183
Material Cost	.073744	.066292	.075922	.078867	.077343	.071631	.071865	.045960
Equipment Hours	.003505	.001038	.001137	.003478	.003556	.001184	.001186	.003183
Years	17	18	19	20	21	22	23	24
Labor Hours	.003275	.000573	.000511	.003522	.003571	.001147	.001310	.003538
Material Cost	.052815	.037578	.034664	.076240	.073818	.067977	.075386	.074394
Equipment Hours	.003275	.000573	.000511	.003522	.003571	.001147	.001310	.003538
Years	25	26	27	28	29	30	31	32
Labor Hours	.004022	.001741	.001510	.003901	.004180	.001366	.002553	.003649
Material Cost	.100614	.106930	.073741	.082375	.091947	.071106	.139192	.136418
Equipment Hours	.004022	.001741	.001510	.003901	.004180	.001366	.002553	.003649
Years	33	34	35	36	37	38	39	40
Labor Hours	.003267	.003120	.003683	.003824	.003779	.002985	.003017	.002029
Material Cost	.107252	.110908	.143975	.135682	.136117	.10645	.106547	.103805
Equipment Hours	.003267	.003120	.003683	.003824	.003779	.002985	.003017	.002029
Years	41	42	43	44	45	46	47	48
Labor Hours	.001545	.002231	.002296	.002553	.002774	.002420	.002251	.002744
Material Cost	.072632	.061497	.063306	.083166	.075155	.070726	.068824	.068446
Equipment Hours	.001545	.002231	.002296	.002553	.002774	.002420	.002251	.002744
Years	49	50	51	52	53	54	55	56
Labor Hours	.003076	.002864	.002336	.002563	.002412	.002185	.002722	.002855
Material Cost	.099931	.098757	.079514	.076446	.076368	.076083	.099200	.082164
Equipment Hours	.003076	.002864	.002336	.002563	.002412	.002185	.002722	.002855
Years	57	58	59	60	61	62	63	64
Labor Hours	.002993	.002532	.002502	.003077	.003089	.001747	.001613	.003938
Material Cost	.088669	.080496	.080929	.110695	.11715	.104203	.086296	.086461
Equipment Hours	.002993	.002532	.002502	.003077	.003089	.001747	.001613	.003938
Years	65	66	67	68	69	70	71	72
Labor Hours	.004264	.001793	.001324	.003737	.004039	.001480	.002036	.004332
Material Cost	.112931	.105373	.076398	.083215	.092404	.076035	.107047	.110064
Equipment Hours	.004264	.001793	.001324	.003737	.004039	.001480	.002002	.004298
Years	73	74	75	76	77	78	79	80
Labor Hours	.004259	.001707	.002027	.004235	.004379	.001297	.001473	.002512
Material Cost	.106556	.103150	.111280	.107794	.108404	.062489	.068794	.074256
Equipment Hours	.004259	.001673	.001993	.004201	.004345	.001297	.001439	.002479

HEALTH CLINIC

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.001440	.003790	.003790	.003796	.003837	.003805	.004218	.004986		
Material Cost	.006252	.016392	.016392	.016801	.019447	.016473	.030080	.045208		
Equipment Hours	.001440	.003790	.003790	.003796	.003837	.003805	.004009	.004569		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.013033	.005228	.008981	.004958	.005686	.007301	.007551	.005267		
Material Cost	.311535	.037827	.003198	.020102	.025466	.119813	.075446	.066827		
Equipment Hours	.008560	.005019	.008981	.004958	.005686	.006157	.006846	.004699		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.016381	.004922	.014078	.006798	.014980	.006456	.008800	.008079		
Material Cost	.390616	.053952	.373959	.099972	.058144	.059954	.137486	.054915		
Equipment Hours	.010915	.004563	.009508	.005792	.014829	.005960	.007448	.007661		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.014346	.005161	.005571	.006169	.005412	.005714	.020122	.008806		
Material Cost	.313246	.037055	.023629	.028536	.032613	.022314	.294780	.149121		
Equipment Hours	.009873	.004936	.005571	.006169	.005399	.005714	.019594	.007245		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.014503	.004635	.008271	.007870	.014493	.007927	.006009	.007844		
Material Cost	.348936	.053096	.108351	.052080	.381541	.100183	.058203	.089498		
Equipment Hours	.009534	.004276	.007238	.007719	.009909	.006934	.005649	.006930		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.025135	.008450	.003882	.004574	.005105	.005098	.005641	.008099		
Material Cost	.421511	.052946	.017082	.019516	.028267	.026798	.034833	.059778		
Equipment Hours	.019518	.007922	.003882	.004574	.005092	.005085	.005432	.007682		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.016680	.008041	.012675	.007085	.007619	.006920	.015958	.007699		
Material Cost	.320633	.134723	.112121	.051802	.102106	.061423	.392939	.126809		
Equipment Hours	.012207	.006689	.012163	.006856	.006626	.006249	.010792	.006211		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.015061	.006263	.006616	.006518	.031851	.005461	.005872	.007345		
Material Cost	.338403	.071631	.117878	.028399	.308112	.024848	.037859	.059327		
Equipment Hours	.010228	.005558	.005473	.006440	.031663	.005449	.005663	.006849		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.016967	.004459	.006240	.007969	.004457	.005174	.009211	.008118		
Material Cost	.328063	.068704	.051519	.163560	.094793	.072387	.124332	.171249		
Equipment Hours	.011787	.004138	.006175	.006446	.005573	.004935	.007979	.006865		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.025176	.007714	.006783	.009827	.008352	.004180	.007146	.004970		
Material Cost	.645631	.162996	.051713	.076813	.128098	.017553	.045079	.045236		
Equipment Hours	.016603	.006360	.006209	.007606	.007120	.004168	.006938	.004552		

HEALTH CLINIC

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000296	.001663	.003097	.003276	.004252	.003828	.002919	.005415
Material Cost	.000229	.001335	.002374	.006761	.004627	.003173	.006054	.046749
Equipment Hours	.000296	.001663	.003097	.003276	.004252	.003828	.002919	.005408
Years								
Labor Hours	.005466	.004707	.004867	.005188	.005700	.003435	.005394	.005294
Material Cost	.114010	.107978	.142359	.102923	.086041	.022556	.061390	.024540
Equipment Hours	.005391	.004640	.004685	.005016	.005262	.003322	.005286	.005294
Years								
Labor Hours	.004014	.005875	.004519	.004665	.010021	.005414	.006864	.005109
Material Cost	.058354	.069240	.165692	.128174	.158659	.111395	.061746	.021998
Equipment Hours	.003986	.005868	.004382	.004598	.009934	.004762	.006195	.004803
Years								
Labor Hours	.008986	.005260	.003127	.004894	.006988	.005109	.005310	.006829
Material Cost	.036574	.051963	.020813	.108735	.143477	.156980	.154328	.185993
Equipment Hours	.007215	.004853	.002944	.006101	.006185	.004887	.004987	.006310
Years								
Labor Hours	.007648	.003335	.007554	.005251	.006342	.006229	.005197	.005154
Material Cost	.094412	.086011	.048081	.054530	.048304	.100585	.124307	.132437
Equipment Hours	.006746	.003094	.005887	.004321	.003736	.005830	.004241	.003995
Years								
Labor Hours	.017410	.003337	.005879	.004758	.006685	.006321	.003532	.006797
Material Cost	.230463	.110096	.120268	.059195	.076104	.040418	.069467	.084627
Equipment Hours	.012436	.003046	.005587	.004488	.005807	.005634	.003289	.006361
Years								
Labor Hours	.006997	.004995	.005272	.007477	.011540	.004702	.015779	.006098
Material Cost	.180907	.126260	.129583	.116389	.070953	.042041	.062489	.065170
Equipment Hours	.006414	.004713	.004830	.006241	.008314	.004058	.010547	.005876
Years								
Labor Hours	.004197	.008243	.010999	.004643	.010115	.005460	.008362	.005439
Material Cost	.029192	.101630	.119200	.135082	.140408	.140677	.085838	.084641
Equipment Hours	.004197	.007001	.007627	.004438	.009647	.004514	.006926	.005067
Years								
Labor Hours	.021790	.006517	.003670	.006006	.007439	.011848	.004128	.006240
Material Cost	.086433	.057177	.050389	.085347	.145159	.141662	.170517	.139494
Equipment Hours	.013768	.005767	.003548	.005822	.006047	.007758	.003741	.005621
Years								
Labor Hours	.006993	.003900	.016006	.009736	.003824	.007314	.004332	.005195
Material Cost	.120878	.039094	.100864	.156944	.078773	.092015	.163570	.126173
Equipment Hours	.006295	.003562	.010436	.037023	.003542	.006406	.004041	.004230

HEALTH CLINIC

Resources Per Square Foot

Task Description	UM	ID	1	2	3	4	5	6	7	8
0900000 HVAC										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.001111	.008233	.008459	.008565	.008657	.008883	.009257	.00956		
Material Cost	.005455	.011170	.016935	.014472	.017390	.022632	.027013	.023548		
Equipment Hours	.001111	.006581	.006714	.006867	.006913	.007136	.007464	.007200		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.009322	.009362	.010342	.010176	.010559	.010553	.011208	.010061		
Material Cost	.024590	.037999	.221646	.202159	.220532	.131354	.321861	.153478		
Equipment Hours	.007474	.007545	.007688	.007902	.008037	.008315	.008180	.007688		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.010583	.010301	.010472	.010264	.009454	.009538	.010747	.009779		
Material Cost	.310499	.139490	.251872	.194015	.092526	.095013	.330503	.091993		
Equipment Hours	.007891	.008103	.007740	.008092	.007293	.007570	.008097	.007711		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.010614	.010790	.010068	.011417	.013206	.010252	.009843	.010056		
Material Cost	.216336	.321829	.122280	.356136	.414562	.195019	.157727	.105020		
Equipment Hours	.008024	.007981	.007963	.008385	.008692	.007749	.007547	.007844		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.010493	.009941	.009786	.010083	.009443	.009919	.009604	.011265		
Material Cost	.225544	.177868	.134068	.148320	.058642	.109566	.090178	.371925		
Equipment Hours	.007763	.007604	.007742	.007770	.007604	.007785	.007586	.008066		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.009746	.011548	.010158	.010039	.010894	.010361	.010735	.009809		
Material Cost	.111161	.273895	.130288	.182038	.336077	.170794	.238976	.063819		
Equipment Hours	.007627	.008591	.007885	.007704	.007906	.007956	.007956	.007968		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.009915	.009268	.010661	.009971	.009881	.011032	.010066	.011137		
Material Cost	.113132	.043275	.285313	.106010	.104518	.401666	.109599	.328298		
Equipment Hours	.007666	.007477	.008047	.007862	.007685	.008043	.007905	.008197		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.013782	.010113	.011812	.011816	.010618	.010553	.009972	.010029		
Material Cost	.532316	.188696	.283073	.193918	.256287	.337872	.094039	.169199		
Equipment Hours	.008886	.007703	.008512	.008705	.007792	.008054	.007885	.007705		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.009992	.009856	.011506	.011429	.009869	.011283	.010736	.010224		
Material Cost	.168242	.087030	.140954	.447605	.087609	.263250	.073818	.198727		
Equipment Hours	.007952	.007791	.008622	.008213	.007647	.008434	.008209	.007658		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.010107	.010978	.010194	.011605	.009329	.009785	.010233	.009997		
Material Cost	.237372	.273740	.198405	.134939	.007521	.108892	.176171	.103546		
Equipment Hours	.007653	.008108	.007661	.008747	.007401	.007621	.007888	.007792		

HEALTH CLINIC
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000020	.000467	.000794	.000674	.000838	.001714	.002112	.001631
Material Cost	.000000	.000290	.000997	.001159	.001424	.017782	.022116	.018254
Equipment Hours	.000020	.000467	.000794	.000674	.000838	.001714	.002112	.001631
Years	9	10	11	12	13	14	15	16
Labor Hours	.002161	.002033	.003700	.002838	.003301	.002785	.003163	.003420
Material Cost	.021257	.020070	.071081	.051869	.054185	.053244	.054164	.050834
Equipment Hours	.002161	.002033	.003700	.002838	.003298	.002782	.003159	.003417
Years	17	18	19	20	21	22	23	24
Labor Hours	.003573	.003342	.003721	.003198	.003869	.003104	.003258	.003193
Material Cost	.053703	.048713	.053965	.047795	.057546	.038846	.040082	.041129
Equipment Hours	.003567	.003338	.003718	.003194	.003865	.003101	.003255	.003190
Years	25	26	27	28	29	30	31	32
Labor Hours	.003974	.003879	.003958	.003936	.004486	.003268	.010235	.004790
Material Cost	.047376	.138823	.118653	.138549	.180134	.079138	.919305	.228833
Equipment Hours	.003839	.003630	.003735	.003690	.004025	.003265	.009833	.004329
Years	33	34	35	36	37	38	39	40
Labor Hours	.004309	.004447	.004167	.004569	.005016	.004630	.004952	.004794
Material Cost	.141865	.172861	.140463	.078846	.084133	.083149	.082970	.079669
Equipment Hours	.004063	.004229	.003921	.004562	.005013	.004623	.004945	.004787
Years	41	42	43	44	45	46	47	48
Labor Hours	.004162	.003104	.003586	.003366	.003456	.002613	.002868	.002572
Material Cost	.063367	.040956	.041721	.046153	.043318	.051430	.058483	.051408
Equipment Hours	.004155	.003094	.003579	.003228	.003449	.002603	.002861	.002566
Years	49	50	51	52	53	54	55	56
Labor Hours	.002979	.002481	.004852	.004094	.004055	.003904	.004827	.005634
Material Cost	.058169	.051756	.105247	.087408	.084908	.083598	.090968	.166439
Equipment Hours	.002973	.002474	.004846	.004088	.004052	.003900	.004692	.005388
Years	57	58	59	60	61	62	63	64
Labor Hours	.005603	.005639	.006191	.004890	.009471	.004281	.003726	.003682
Material Cost	.144269	.166420	.206897	.103969	.876256	.189827	.100715	.126544
Equipment Hours	.005384	.005393	.005730	.004887	.009065	.003688	.003477	.003460
Years	65	66	67	68	69	70	71	72
Labor Hours	.003470	.002901	.003483	.002818	.003386	.003360	.004854	.004076
Material Cost	.097584	.051802	.058441	.051789	.058810	.058352	.103515	.087493
Equipment Hours	.003220	.002894	.003473	.002812	.003379	.003353	.004844	.004069
Years	73	74	75	76	77	78	79	80
Labor Hours	.004477	.004075	.004252	.004341	.004523	.004262	.004637	.004118
Material Cost	.087098	.088562	.086333	.078859	.085100	.078019	.084192	.076947
Equipment Hours	.004470	.003936	.004245	.004334	.004517	.004259	.004634	.004115

HEALTH CLINIC

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
1200000	Special Inter. Electr. System	2	2						
Years									
Labor Hours	.00031	.000581	.000586	.000581	.000586	.000586	.000586	.000586	.000586
Material Cost	.000000	.000000	.000289	.000000	.000289	.000289	.000289	.000289	.000289
Equipment Hours	.000031	.000581	.000586	.000581	.000586	.000586	.000586	.000586	.000586
Years									
Labor Hours	.000838	.000852	.001128	.001129	.001117	.001114	.001112	.001112	.001112
Material Cost	.001734	.002116	.004108	.0021459	.002929	.003039	.003353	.003353	.003353
Equipment Hours	.000838	.000852	.001128	.001129	.001117	.001114	.001112	.001112	.001112
Years									
Labor Hours	.000914	.000896	.000914	.000925	.000865	.000826	.000826	.000855	.000844
Material Cost	.011540	.010181	.011540	.020714	.003895	.002648	.003673	.003673	.011449
Equipment Hours	.000914	.000896	.000914	.000925	.000865	.000826	.000826	.000855	.000844
Years									
Labor Hours	.000844	.001127	.001132	.001117	.001111	.001112	.001112	.000979	.000953
Material Cost	.003410	.014150	.021840	.012929	.012658	.013353	.013353	.029193	.011659
Equipment Hours	.000844	.001127	.001132	.001117	.001111	.001112	.001112	.000979	.000953
Years									
Labor Hours	.000935	.000957	.000961	.000951	.000922	.000951	.000951	.000940	.000943
Material Cost	.010299	.012040	.020451	.003953	.002850	.003875	.003875	.011651	.003993
Equipment Hours	.000935	.000957	.000961	.000951	.000922	.000951	.000951	.000940	.000943
Years									
Labor Hours	.001073	.001071	.001060	.001054	.001055	.000938	.000938	.000918	.000896
Material Cost	.014159	.021376	.012846	.012575	.013270	.029283	.029283	.011921	.010181
Equipment Hours	.001073	.001071	.001060	.001054	.001055	.000938	.000938	.000918	.000896
Years									
Labor Hours	.000914	.000922	.000958	.000922	.000951	.000943	.000943	.000940	.001166
Material Cost	.011540	.020333	.003963	.002850	.003875	.012032	.012032	.003612	.014269
Equipment Hours	.000914	.000922	.000958	.000922	.000951	.000943	.000943	.000940	.001166
Years									
Labor Hours	.001167	.001156	.001150	.001155	.000886	.000857	.000857	.000839	.000857
Material Cost	.021577	.013048	.012777	.013853	.029125	.011457	.011457	.010098	.011457
Equipment Hours	.001167	.001156	.001150	.001155	.000886	.000857	.000857	.000839	.000857
Years									
Labor Hours	.000865	.000912	.000887	.000912	.000901	.000901	.000901	.001167	.001167
Material Cost	.020249	.003834	.003112	.003756	.011532	.003493	.003493	.014227	.021577
Equipment Hours	.000865	.000912	.000887	.000912	.000901	.000901	.000901	.001167	.001167
Years									
Labor Hours	.001156	.001153	.001151	.000977	.000953	.000935	.000935	.000953	.000964
Material Cost	.013048	.013158	.013472	.029402	.011659	.010299	.010299	.011659	.020833
Equipment Hours	.001156	.001153	.001151	.000977	.000953	.000935	.000935	.000953	.000964

GENERAL PURPOSE ADMIN

Resources Per Square Foot

Task Description	0000000 Total Summary	1	2	3	4	5	6	7	8
Years		1	2	3	4	5	6	7	8
Labor Hours	.005677	.013522	.014355	.017928	.019819	.019669	.023397	.026301	.026301
Material Cost	.021764	.040992	.042128	.053559	.072966	.094487	.156649	.272525	.272525
Equipment Hours	.005056	.012115	.012824	.016425	.018219	.018027	.021025	.022341	.022341
Years		9	10	11	12	13	14	15	16
Labor Hours	.031368	.027837	.026256	.025233	.024057	.024842	.031651	.035681	.035681
Material Cost	.384738	.287387	.267688	.270469	.268820	.286417	.361592	.433952	.433952
Equipment Hours	.026534	.024602	.024049	.023112	.021449	.021500	.027570	.029960	.029960
Years		17	18	19	20	21	22	23	24
Labor Hours	.036004	.031657	.038779	.036104	.037240	.032353	.031070	.036122	.036122
Material Cost	.511285	.392518	.489368	.434141	.405246	.350758	.328540	.390034	.390034
Equipment Hours	.029831	.026598	.031343	.030509	.031462	.027136	.027408	.031413	.031413
Years		25	26	27	28	29	30	31	32
Labor Hours	.037044	.034763	.031444	.037319	.033551	.029714	.029714	.035083	.035127
Material Cost	.509458	.555995	.476138	.541875	.492117	.485976	.643641	.667188	.667188
Equipment Hours	.031086	.029603	.026949	.030329	.028199	.025427	.029682	.028986	.028986
Years		33	34	35	36	37	38	39	40
Labor Hours	.036998	.032866	.029660	.030656	.034544	.035261	.037397	.039772	.039772
Material Cost	.700363	.569383	.425054	.403049	.489780	.459935	.526480	.691257	.691257
Equipment Hours	.029838	.027468	.026062	.027065	.028573	.028948	.030900	.031617	.031617
Years		41	42	43	44	45	46	47	48
Labor Hours	.043296	.036484	.032412	.031762	.029546	.029498	.032258	.035148	.035148
Material Cost	.636224	.533693	.323305	.306482	.257315	.346448	.318247	.413715	.413715
Equipment Hours	.034251	.029768	.027803	.027622	.026414	.026246	.029050	.030681	.030681
Years		49	50	51	52	53	54	55	56
Labor Hours	.036713	.033732	.037498	.035519	.030214	.030694	.045495	.041873	.041873
Material Cost	.592104	.476371	.487988	.483654	.420449	.453320	.660198	.635622	.635622
Equipment Hours	.030484	.028934	.032613	.030918	.025901	.026236	.036160	.034423	.034423
Years		57	58	59	60	61	62	63	64
Labor Hours	.047622	.039113	.039747	.037955	.040097	.034334	.031277	.037105	.037105
Material Cost	.815228	.609408	.661556	.536981	.632601	.475515	.439404	.570499	.570499
Equipment Hours	.036891	.032045	.032507	.032070	.033878	.028359	.026964	.031442	.031442
Years		65	66	67	68	69	70	71	72
Labor Hours	.039639	.033169	.031907	.028449	.029239	.029076	.029076	.035086	.036071
Material Cost	.594501	.423513	.435894	.389927	.415228	.410176	.581005	.563993	.563993
Equipment Hours	.032865	.027927	.027242	.024512	.025068	.024503	.029762	.029486	.029486
Years		73	74	75	76	77	78	79	80
Labor Hours	.041792	.037122	.037691	.040554	.034141	.034076	.038025	.043286	.043286
Material Cost	.741084	.505098	.460640	.444467	.416297	.367039	.508463	.539218	.539218
Equipment Hours	.033248	.030489	.031382	.033757	.028916	.028098	.031904	.034989	.034989

GENERAL PURPOSE ADMIN

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years								
Labor Hours	.001241	.002209	.002421	.002326	.002521	.002661	.002326	.002255
Material Cost	.000472	.017524	.017909	.017502	.021135	.020422	.017501	.017363
Equipment Hours	.000621	.001105	.001210	.001163	.001261	.001330	.001163	.001128
Years								
Labor Hours	.002445	.002741	.002769	.002488	.002552	.003095	.003155	.002589
Material Cost	.017612	.022891	.024888	.019861	.024431	.038532	.030975	.020754
Equipment Hours	.001223	.001371	.001384	.001244	.001276	.001548	.001578	.001295
Years								
Labor Hours	.002514	.003205	.008504	.008051	.008043	.006934	.003027	.002476
Material Cost	.018975	.032258	.101667	.093492	.097238	.078474	.026552	.019601
Equipment Hours	.001257	.001602	.004252	.004026	.004021	.003467	.001513	.001238
Years								
Labor Hours	.002703	.003436	.005464	.004317	.006558	.003992	.004274	.002386
Material Cost	.020930	.031961	.046538	.034091	.041412	.028610	.032671	.019299
Equipment Hours	.001352	.001818	.002732	.002158	.003279	.001996	.002137	.001194
Years								
Labor Hours	.002473	.002490	.002966	.003242	.005627	.007296	.006047	.007040
Material Cost	.018559	.018910	.027319	.030624	.075188	.102920	.086670	.103156
Equipment Hours	.001237	.001245	.001483	.001621	.002814	.003648	.003023	.003520
Years								
Labor Hours	.006278	.006102	.005856	.005334	.003168	.003019	.002508	.002453
Material Cost	.085844	.081118	.073915	.066172	.030700	.025904	.019242	.019624
Equipment Hours	.003139	.003051	.002928	.002667	.001584	.001509	.001254	.001227
Years								
Labor Hours	.002427	.002584	.002761	.003161	.003921	.003378	.004339	.004656
Material Cost	.017853	.020735	.024769	.028116	.038320	.030897	.034782	.041873
Equipment Hours	.001213	.001292	.001380	.001580	.001961	.001689	.002170	.002328
Years								
Labor Hours	.008286	.004609	.008005	.006400	.007471	.007802	.003011	.003079
Material Cost	.064649	.039263	.081165	.072128	.085055	.100256	.027171	.026677
Equipment Hours	.004143	.002305	.004003	.003200	.003736	.003901	.001505	.001540
Years								
Labor Hours	.002946	.003350	.003258	.002462	.002336	.002641	.003482	.002852
Material Cost	.032547	.040910	.041006	.021560	.017932	.021253	.043111	.027785
Equipment Hours	.001473	.001675	.001628	.001231	.001168	.001320	.001741	.001426
Years								
Labor Hours	.003059	.002942	.004568	.003100	.005810	.006132	.006994	.006095
Material Cost	.033310	.027802	.053514	.027719	.073823	.077774	.088970	.077161
Equipment Hours	.001530	.001471	.002284	.001550	.002905	.003066	.003497	.003047

GENERAL PURPOSE ADMIN

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
040000 Exterior Closure								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000172	.000308	.000383	.003001	.003755	.003486	.005655	.004784
Material Cost	.000902	.001707	.001942	.005859	.008941	.007863	.013307	.015795
Equipment Hours	.000172	.000308	.000383	.003001	.003755	.003486	.005655	.004784
Years	9	10	11	12	13	14	15	16
Labor Hours	.006416	.007295	.006237	.005559	.002137	.003723	.007594	.006772
Material Cost	.022381	.025384	.024447	.024015	.016203	.016891	.027168	.020629
Equipment Hours	.006416	.007295	.006237	.005559	.002137	.003716	.007585	.006765
Years	17	18	19	20	21	22	23	24
Labor Hours	.005757	.004608	.006690	.006294	.005094	.004718	.006980	.009064
Material Cost	.018145	.016589	.019829	.023522	.018230	.017523	.026903	.029360
Equipment Hours	.005748	.004600	.006682	.006294	.005094	.004718	.006980	.009064
Years	25	26	27	28	29	30	31	32
Labor Hours	.007292	.007313	.006595	.005733	.005285	.004810	.006156	.006444
Material Cost	.027506	.029464	.023466	.023376	.020875	.020110	.037032	.040222
Equipment Hours	.007292	.007313	.006595	.005733	.005285	.004801	.006147	.006436
Years	33	34	35	36	37	38	39	40
Labor Hours	.005806	.006576	.006338	.006054	.005099	.005053	.007072	.006068
Material Cost	.040584	.041453	.038888	.039089	.043235	.041758	.051987	.042165
Equipment Hours	.005798	.006564	.006330	.006050	.004815	.004758	.006468	.005784
Years	41	42	43	44	45	46	47	48
Labor Hours	.006550	.006422	.006462	.006555	.005802	.007433	.010911	.010367
Material Cost	.036082	.039694	.047465	.040960	.035032	.082468	.097289	.094220
Equipment Hours	.006266	.006068	.005898	.006235	.005505	.007144	.010623	.010359
Years	49	50	51	52	53	54	55	56
Labor Hours	.008324	.008644	.009400	.010316	.005561	.006182	.010341	.008496
Material Cost	.096988	.097874	.089097	.091392	.080660	.083669	.096098	.048058
Equipment Hours	.008313	.008630	.009400	.010314	.005537	.006135	.010266	.008440
Years	57	58	59	60	61	62	63	64
Labor Hours	.007633	.005496	.005992	.006480	.004697	.004569	.004488	.007462
Material Cost	.044537	.035041	.026106	.035045	.026392	.034286	.038814	.053744
Equipment Hours	.007585	.005309	.005975	.006388	.004660	.004494	.004480	.007206
Years	65	66	67	68	69	70	71	72
Labor Hours	.007585	.007114	.007320	.005187	.005031	.005570	.008898	.007179
Material Cost	.049146	.046814	.047198	.043129	.041799	.048852	.056158	.051998
Equipment Hours	.007504	.007065	.007277	.005178	.004982	.005405	.008833	.007141
Years	73	74	75	76	77	78	79	80
Labor Hours	.007078	.008817	.010446	.007885	.005086	.003961	.007778	.008866
Material Cost	.054735	.056374	.102424	.059341	.042482	.048090	.056104	.068899
Equipment Hours	.007055	.008764	.009422	.007719	.005086	.003621	.007453	.008225

GENERAL PURPOSE ADMIN

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
05000(0 Interior Construction		UM TD	2 1						
Years									
Labor Hours	.000001	.000001	.000007	.000547	.000419	.000217	.000253	.000253	.000895
Material Cost	.000009	.000015	.000036	.000170	.000466	.000789	.0007791	.0007791	.010334
Equipment Hours	.000001	.000001	.000007	.000547	.000419	.000217	.000253	.000253	.000895
Years									
Labor Hours	.000862	.000349	.000268	.000779	.000858	.000383	.000519	.000519	.009619
Material Cost	.016442	.015094	.015008	.016399	.017072	.015502	.016030	.016030	.011089
Equipment Hours	.000861	.000349	.000268	.000779	.000858	.000376	.000510	.000510	.000893
Years									
Labor Hours	.000792	.000182	.000378	.000862	.000936	.000503	.000389	.000389	.000860
Material Cost	.010832	.008617	.012518	.017005	.017717	.016294	.015972	.015972	.016483
Equipment Hours	.000784	.000174	.000274	.000856	.000909	.000495	.000381	.000381	.000860
Years									
Labor Hours	.000894	.000601	.000595	.001152	.001266	.000637	.000897	.000897	.000977
Material Cost	.021930	.033701	.027815	.030193	.031214	.028707	.039130	.039130	.040705
Equipment Hours	.000883	.000601	.000595	.001152	.001266	.000637	.000897	.000897	.000969
Years									
Labor Hours	.000886	.001000	.001042	.001176	.001256	.001192	.000881	.000881	.000613
Material Cost	.033775	.034746	.040001	.040477	.042979	.034108	.033822	.033822	.032260
Equipment Hours	.000864	.000972	.001055	.001167	.001136	.001063	.000854	.000854	.000604
Years									
Labor Hours	.000410	.000637	.000746	.000635	.000661	.000599	.000529	.000529	.000671
Material Cost	.014140	.013332	.014872	.013742	.015084	.014211	.014344	.014344	.015097
Equipment Hours	.000401	.000637	.000746	.000635	.000661	.000599	.000529	.000529	.000661
Years									
Labor Hours	.000780	.000852	.002547	.001308	.000553	.000541	.001947	.001947	.000917
Material Cost	.021266	.021417	.022192	.020801	.018925	.018972	.023333	.023333	.032607
Equipment Hours	.000777	.000845	.001621	.000998	.000547	.000527	.000851	.000851	.000902
Years									
Labor Hours	.001072	.000926	.000938	.000885	.001117	.000717	.000662	.000662	.001270
Material Cost	.034303	.032525	.031947	.037814	.037072	.037170	.030532	.030532	.033169
Equipment Hours	.001045	.000918	.000907	.000879	.001003	.000717	.000651	.000651	.001270
Years									
Labor Hours	.001260	.000775	.000499	.001036	.001153	.000700	.000620	.000620	.001051
Material Cost	.039076	.037736	.030282	.032853	.033696	.032174	.025156	.025156	.022512
Equipment Hours	.001257	.000775	.000493	.001028	.001145	.000673	.000613	.000613	.001042
Years									
Labor Hours	.001223	.000382	.000429	.001097	.001029	.000513	.000453	.000453	.000687
Material Cost	.027075	.020695	.022228	.022523	.022222	.014785	.014601	.014601	.015206
Equipment Hours	.001126	.000361	.000402	.001088	.001021	.000513	.000453	.000453	.000681

GENERAL PURPOSE ADMIN

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.002090	.003990	.003991	.004075	.004054	.004021	.005893	.008934
Material Cost	.009047	.017541	.017547	.019839	.020537	.017604	.075548	.169869
Equipment Hours	.002090	.003990	.003991	.004075	.004054	.004021	.005012	.006626
Years	9	10	11	12	13	14	15	16
Labor Hours	.011092	.007406	.005166	.004681	.006429	.006373	.007983	.013568
Material Cost	.232098	.108595	.021985	.020874	.049670	.076206	.122495	.246335
Equipment Hours	.007870	.006092	.005166	.004681	.005951	.005379	.006445	.009956
Years	17	18	19	20	21	22	23	24
Labor Hours	.014926	.012406	.011266	.009089	.010653	.008610	.009380	.012357
Material Cost	.288466	.195032	.179574	.084287	.107713	.093080	.117313	.204277
Equipment Hours	.010878	.009709	.009021	.008110	.009578	.007823	.008112	.009729
Years	25	26	27	28	29	30	31	32
Labor Hours	.012669	.009473	.004809	.005914	.005120	.006095	.008650	.011407
Material Cost	.234216	.140361	.021960	.026138	.025550	.025026	.103328	.227662
Equipment Hours	.009446	.007831	.004806	.005905	.005116	.005764	.007458	.008100
Years	33	34	35	36	37	38	39	40
Labor Hours	.013628	.010043	.006574	.007567	.010255	.008953	.009901	.012186
Material Cost	.297580	.199867	.077807	.084407	.170956	.088037	.139684	.220672
Equipment Hours	.009384	.007204	.005572	.006633	.008374	.007772	.008360	.009374
Years	41	42	43	44	45	46	47	48
Labor Hours	.015963	.010696	.007337	.006979	.006754	.006558	.006769	.010292
Material Cost	.293817	.158652	.025350	.030613	.032943	.034601	.061776	.157799
Equipment Hours	.012056	.008767	.007333	.006976	.006737	.006153	.006000	.007872
Years	49	50	51	52	53	54	55	56
Labor Hours	.012433	.010175	.009873	.007665	.006675	.006484	.009260	.012144
Material Cost	.257468	.181767	.105152	.098002	.077683	.082195	.201491	.215695
Equipment Hours	.008713	.007583	.008459	.006352	.005823	.005569	.007041	.008911
Years	57	58	59	60	61	62	63	64
Labor Hours	.014264	.012527	.009082	.008075	.011677	.008222	.009336	.012007
Material Cost	.301619	.197035	.104943	.053032	.054620	.035750	.071763	.170669
Equipment Hours	.010090	.010028	.007976	.007697	.011460	.007791	.008408	.009620
Years	65	66	67	68	69	70	71	72
Labor Hours	.013242	.009376	.007027	.006620	.007539	.007398	.008681	.011747
Material Cost	.239345	.145369	.093131	.108240	.106580	.119117	.201936	.250693
Equipment Hours	.009797	.007073	.005749	.005473	.006034	.006022	.006868	.008304
Years	73	74	75	76	77	78	79	80
Labor Hours	.016765	.011466	.008496	.011725	.009176	.010312	.009100	.013346
Material Cost	.425747	.216799	.115631	.108615	.093920	.070588	.075487	.179783
Equipment Hours	.011416	.008108	.007055	.009574	.007990	.009020	.008066	.010392

GENERAL PURPOSE ADMIN

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000176	.001153	.001491	.001820	.002407	.001991	.001884	.001979
Material Cost	.000113	.000693	.000958	.002175	.002543	.001470	.002284	.017341
Equipment Hours	.000176	.001153	.001476	.001812	.002382	.001991	.001869	.001971
Years								
Labor Hours	.002663	.002300	.002824	.002685	.002582	.002367	.003181	.002604
Material Cost	.052712	.052183	.063924	.067842	.032534	.016933	.017982	.021444
Equipment Hours	.002594	.002258	.002711	.002553	.002461	.002281	.003094	.002558
Years								
Labor Hours	.002516	.002277	.002773	.002894	.003753	.002837	.003018	.002706
Material Cost	.013021	.024996	.060426	.060519	.062996	.058376	.031741	.018934
Equipment Hours	.002453	.002247	.002687	.002807	.003526	.002612	.002687	.002436
Years								
Labor Hours	.003551	.003290	.003193	.002992	.003633	.003622	.003491	.003212
Material Cost	.018587	.027278	.032338	.046612	.073568	.077048	.086329	.077040
Equipment Hours	.003239	.002839	.002671	.002655	.003167	.003146	.003165	.002831
Years								
Labor Hours	.003362	.002574	.003109	.002873	.002616	.002904	.003340	.003345
Material Cost	.051298	.031148	.029075	.032947	.032277	.046227	.067778	.072910
Equipment Hours	.002872	.002277	.002720	.002389	.002216	.002530	.002807	.002750
Years								
Labor Hours	.004569	.003416	.002895	.003100	.003931	.003205	.002966	.002999
Material Cost	.080898	.076486	.047756	.036889	.032175	.034581	.025239	.038534
Equipment Hours	.003620	.002820	.002550	.002793	.003468	.002923	.002743	.002679
Years								
Labor Hours	.003395	.003350	.003758	.003646	.003463	.003849	.004251	.003729
Material Cost	.066519	.063197	.068442	.053588	.027740	.021133	.019344	.022204
Equipment Hours	.002912	.002882	.003088	.002977	.002853	.003235	.003573	.003297
Years								
Labor Hours	.003363	.003838	.003735	.004084	.003890	.003597	.003786	.003603
Material Cost	.027017	.033767	.055635	.063288	.071507	.073661	.049226	.047157
Equipment Hours	.002864	.003119	.003168	.003350	.003290	.002919	.003037	.003034
Years								
Labor Hours	.004694	.003785	.004267	.003954	.003601	.003759	.003330	.003387
Material Cost	.037023	.031607	.036623	.040796	.062182	.067055	.074645	.077451
Equipment Hours	.003884	.003192	.003501	.003222	.002950	.002844	.002589	.002645
Years								
Labor Hours	.003575	.003800	.004417	.006405	.003529	.003689	.004079	.004379
Material Cost	.052638	.040519	.041397	.054785	.032858	.046118	.078983	.067014
Equipment Hours	.002804	.003041	.003366	.004424	.002859	.002955	.003400	.003436

GENERAL PURPOSE ADMIN

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC	UM TD	2 9						
Years								
Labor Hours	.001754	.005336	.005378	.005511	.005777	.005694	.005711	.005879
Material Cost	.002219	.003472	.003670	.003348	.010195	.021727	.023284	.023429
Equipment Hours	.001754	.005034	.005073	.005179	.005463	.005384	.005399	.005534
Years								
Labor Hours	.006048	.006005	.006513	.006702	.006946	.006569	.006742	.006567
Material Cost	.023879	.044114	.071827	.079534	.085126	.078846	.103958	.068184
Equipment Hours	.005749	.005498	.005804	.005957	.006215	.005872	.005883	.005835
Years								
Labor Hours	.006695	.006290	.006384	.006308	.006266	.006475	.005910	.006272
Material Cost	.075470	.071313	.072715	.110950	.057869	.055302	.072669	.069658
Equipment Hours	.005940	.005577	.005645	.005814	.005840	.005751	.005375	.005702
Years								
Labor Hours	.007367	.007030	.006970	.013612	.008089	.007096	.007032	.006975
Material Cost	.154446	.114131	.119758	.232175	.151489	.161642	.103735	.092525
Equipment Hours	.006300	.005994	.006038	.009364	.006686	.005854	.005879	.005987
Years								
Labor Hours	.006944	.006278	.006023	.006269	.006122	.006404	.006487	.006951
Material Cost	.089831	.064333	.064692	.044151	.057910	.078556	.083910	.157929
Equipment Hours	.006012	.005605	.005470	.005764	.005652	.005726	.005723	.006018
Years								
Labor Hours	.006785	.006651	.006549	.006801	.006718	.006347	.006279	.006157
Material Cost	.082797	.085263	.080548	.083980	.077513	.063896	.056042	.041065
Equipment Hours	.006034	.005901	.005783	.005965	.005950	.005615	.005611	.005678
Years								
Labor Hours	.007056	.006004	.005856	.006495	.006955	.007212	.013096	.007582
Material Cost	.079746	.046235	.053049	.086616	.100026	.151495	.212933	.130199
Equipment Hours	.006265	.005581	.005411	.005806	.006112	.006035	.009005	.006363
Years								
Labor Hours	.008225	.007060	.007340	.007357	.006972	.006360	.006678	.006395
Material Cost	.167027	.104406	.204751	.104084	.096200	.065974	.079986	.091731
Equipment Hours	.006661	.005950	.006020	.006121	.006080	.005677	.005841	.005783
Years								
Labor Hours	.006928	.006331	.006938	.006759	.006957	.006531	.006859	.006828
Material Cost	.080875	.073978	.096955	.086121	.108333	.077703	.072874	.070746
Equipment Hours	.006127	.005712	.006032	.005963	.006170	.005765	.005937	.005924
Years								
Labor Hours	.006820	.006683	.006164	.006995	.006149	.006162	.006204	.006676
Material Cost	.080915	.075211	.060005	.049927	.041459	.042147	.123684	.069313
Equipment Hours	.006049	.005720	.005485	.006103	.005731	.005619	.005624	.005973

GENERAL PURPOSE ADMIN

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
1100000 Interior Electrical										
Years	1									
Labor Hours	.000042	.000268	.000440	.000390	.000441	.001213	.001303	.001189		
Material Cost	.000002	.000018	.000411	.000643	.000704	.016693	.016256	.017696		
Equipment Hours	.000042	.000268	.000440	.000390	.000441	.001213	.001303	.001189		
Years	9									
Labor Hours	.001447	.001351	.002008	.001883	.002081	.001867	.002003	.002204		
Material Cost	.018305	.017951	.043485	.039708	.041153	.040391	.040448	.040604		
Equipment Hours	.001447	.001351	.002008	.001882	.002079	.001865	.002001	.002201		
Years	17									
Labor Hours	.002287	.002242	.002327	.002160	.002143	.001936	.002043	.002043		
Material Cost	.040441	.041089	.040049	.039721	.035520	.029850	.03643	.029904		
Equipment Hours	.002285	.002241	.002325	.002158	.002140	.001930	.002003	.002041		
Years	25									
Labor Hours	.002224	.002876	.003280	.003138	.003121	.003006	.004039	.003206		
Material Cost	.030188	.121789	.157941	.146679	.143063	.142196	.237356	.167417		
Equipment Hours	.002221	.002711	.003005	.002899	.002922	.002773	.003453	.002950		
Years	33									
Labor Hours	.003362	.003384	.003053	.002893	.003029	.002929	.003125	.003044		
Material Cost	.165869	.176097	.142426	.065319	.064941	.065964	.060421	.059836		
Equipment Hours	.003136	.003081	.002899	.002891	.003027	.002921	.003121	.003041		
Years	41									
Labor Hours	.002378	.002145	.002204	.002007	.002151	.001821	.001837	.001766		
Material Cost	.040448	.033137	.030856	.031240	.031439	.042212	.042046	.044812		
Equipment Hours	.002373	.002142	.002201	.002000	.002148	.001817	.001830	.001762		
Years	49									
Labor Hours	.001837	.001681	.002675	.002341	.002541	.002521	.002718	.003816		
Material Cost	.049716	.042658	.067792	.058910	.074887	.062806	.063685	.142441		
Equipment Hours	.001830	.001679	.002672	.002335	.002526	.002518	.002713	.003651		
Years	57									
Labor Hours	.004227	.004122	.004101	.004143	.003845	.002732	.002969	.002954		
Material Cost	.173876	.164618	.153609	.168913	.213201	.126361	.139504	.145056		
Equipment Hours	.003953	.003882	.003903	.003905	.003252	.002524	.002692	.002654		
Years	65									
Labor Hours	.002638	.001997	.002069	.001978	.002155	.002025	.002608	.002495		
Material Cost	.114106	.045246	.044483	.051113	.042730	.041853	.046092	.060463		
Equipment Hours	.002478	.001992	.002066	.001965	.002151	.002021	.002604	.002474		
Years	73									
Labor Hours	.002720	.002497	.002622	.002726	.002764	.002787	.002880	.002722		
Material Cost	.063662	.064281	.062479	.061715	.063163	.062808	.067844	.061002		
Equipment Hours	.002717	.002490	.002620	.002724	.002759	.002783	.002874	.002720		

GENERAL PURPOSE ADMIN
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	UM TD	2 2						
Years	9	10	11	12	13	14	15	16
Labor Hours	.000375	.000390	.000471	.000458	.000473	.000464	.000473	.000457
Material Cost	.001107	.001174	.001213	.001216	.001263	.001315	.001336	.001386
Equipment Hours	.000375	.000390	.000471	.000458	.000473	.000464	.000473	.000457
Years	17	18	19	20	21	22	23	24
Labor Hours	.000517	.000449	.000457	.000445	.000352	.000340	.000356	.000345
Material Cost	.045934	.002625	.002590	.002716	.001663	.001859	.001747	.001818
Equipment Hours	.000485	.000449	.000457	.000445	.000352	.000340	.000356	.000345
Years	25	26	27	28	29	30	31	32
Labor Hours	.000353	.000543	.000540	.000461	.000478	.000456	.000545	.000519
Material Cost	.001856	.057310	.043321	.002611	.002948	.002636	.005040	.002318
Equipment Hours	.000353	.000497	.000508	.000461	.000478	.000456	.000545	.000519
Years	33	34	35	36	37	38	39	40
Labor Hours	.000535	.000520	.000533	.000583	.000540	.000530	.000544	.000526
Material Cost	.002867	.002830	.002846	.046034	.002294	.002365	.002207	.002328
Equipment Hours	.000535	.000520	.000533	.000551	.000540	.000530	.000544	.000526
Years	41	42	43	44	45	46	47	48
Labor Hours	.000364	.000415	.000364	.000351	.000360	.000517	.000459	.000443
Material Cost	.002197	.046011	.002543	.002866	.002629	.048577	.002270	.002565
Equipment Hours	.000364	.000383	.000364	.000351	.000360	.000485	.000459	.000443
Years	49	50	51	52	53	54	55	56
Labor Hours	.000461	.000442	.000627	.000587	.000543	.000527	.000543	.000532
Material Cost	.002549	.002489	.057297	.046230	.002208	.002152	.002531	.002545
Equipment Hours	.000461	.000442	.000581	.000556	.000543	.000527	.000543	.000532
Years	57	58	59	60	61	62	63	64
Labor Hours	.000549	.000534	.000555	.000531	.000428	.000336	.000349	.000335
Material Cost	.002498	.002753	.003400	.002676	.048553	.002058	.002408	.002298
Equipment Hours	.000549	.000534	.000555	.000531	.000397	.000336	.000349	.000335
Years	65	66	67	68	69	70	71	72
Labor Hours	.000347	.000442	.000529	.000453	.000469	.000454	.000609	.000532
Material Cost	.002385	.001854	.046214	.001914	.001976	.002170	.046633	.002346
Equipment Hours	.000347	.000442	.000496	.000453	.000469	.000454	.000577	.000532
Years	73	74	75	76	77	78	79	80
Labor Hours	.000551	.000536	.000548	.000622	.000598	.000520	.000537	.000515
Material Cost	.003001	.003417	.002891	.059842	.046370	.002728	.002789	.002840
Equipment Hours	.000551	.000536	.000548	.000576	.000566	.000520	.000537	.000515

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UM = Unit of Measure ID
TD = Trade ID

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UPH ENLISTED PERSONNEL

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary										
Years	1									
Labor Hours	.006078	.014820	.01219	.020852	.02460	.020211	.020620	.025556		
Material Cost	.025931	.043903	.046361	.070773	.084270	.081437	.097575	.149860		
Equipment Hours	.005508	.013359	.014647	.019284	.020924	.018658	.018913	.023555		
Years	9									
Labor Hours	.027050	.024511	.026490	.028474	.028676	.027440	.030709	.035201		
Material Cost	.214972	.204238	.263995	.292153	.299313	.350077	.379077	.378860		
Equipment Hours	.024917	.022600	.024485	.026084	.025370	.023652	.026455	.031284		
Years	17									
Labor Hours	.032393	.030002	.033059	.033727	.034353	.030851	.032367	.035512		
Material Cost	.349242	.340324	.443687	.420809	.464524	.413190	.414724	.376557		
Equipment Hours	.028821	.025997	.028195	.029762	.031724	.027100	.028034	.032064		
Years	25									
Labor Hours	.035570	.033763	.032674	.039344	.033823	.032244	.031189	.035951		
Material Cost	.385242	.410078	.400350	.438583	.427325	.417964	.501035	.575964		
Equipment Hours	.031708	.029310	.028004	.033284	.029984	.028140	.027527	.030855		
Years	33									
Labor Hours	.035544	.030039	.029966	.032768	.035551	.035018	.034629	.035150		
Material Cost	.540446	.484874	.475771	.466264	.503444	.498779	.524789	.521574		
Equipment Hours	.029922	.025573	.025700	.028466	.030300	.028937	.028821	.029645		
Years	41									
Labor Hours	.035851	.030477	.031395	.031541	.032943	.030273	.030285	.038003		
Material Cost	.507808	.379885	.293118	.318892	.297325	.26507	.262718	.298886		
Equipment Hours	.029711	.026448	.027498	.028572	.030223	.027351	.027640	.033794		
Years	49									
Labor Hours	.033271	.032493	.038106	.038594	.037376	.031667	.036608	.039361		
Material Cost	.379928	.444884	.448791	.476910	.431668	.451008	.494958	.596520		
Equipment Hours	.029928	.028306	.032795	.033043	.030980	.026525	.030510	.033079		
Years	57									
Labor Hours	.040431	.037673	.035630	.033941	.033771	.032646	.033261	.035941		
Material Cost	.588880	.532389	.533012	.482346	.436214	.442545	.426568	.492919		
Equipment Hours	.033296	.030803	.029908	.030128	.030377	.028023	.028403	.031557		
Years	65									
Labor Hours	.036607	.032968	.032239	.037542	.034772	.031606	.035014	.040105		
Material Cost	.495644	.442785	.457445	.510984	.491805	.482061	.547468	.573572		
Equipment Hours	.032037	.028222	.027799	.031531	.030027	.026911	.030829	.034580		
Years	73									
Labor Hours	.041565	.036130	.039980	.041442	.040035	.039231	.037553	.037465		
Material Cost	.581655	.556678	.526098	.507986	.504112	.444491	.495693	.485679		
Equipment Hours	.035644	.030899	.033099	.036348	.035023	.032473	.031931	.032435		

UPH ENLISTED PERSONNEL
 Resource: Per Square Foot

Task Description	1	2	3	4	5	6	7	8
030000 Roofing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001141	.001762	.001901	.001884	.001753	.001921	.001811	.001780
Material Cost	.006559	.012243	.012922	.012450	.012367	.012230	.011439	.011408
Equipment Hours	.000571	.000881	.000951	.000942	.000877	.000961	.000906	.000890
Years	9	10	11	12	13	14	15	16
Labor Hours	.001949	.001901	.001780	.002622	.003157	.003428	.003620	.002352
Material Cost	.011849	.012402	.012059	.031904	.048517	.053798	.056200	.024437
Equipment Hours	.000975	.000951	.000890	.001311	.001578	.001714	.001810	.001176
Years	17	18	19	20	21	22	23	24
Labor Hours	.002044	.003465	.003633	.003738	.003639	.002259	.002184	.001836
Material Cost	.014121	.030936	.037685	.035158	.034977	.016753	.016334	.013164
Equipment Hours	.001022	.001733	.001817	.001869	.001819	.001130	.001092	.000919
Years	25	26	27	28	29	30	31	32
Labor Hours	.003067	.004251	.004842	.004888	.003473	.002655	.002014	.001925
Material Cost	.026012	.042357	.051190	.052005	.033776	.022919	.015061	.012914
Equipment Hours	.001534	.002126	.002421	.002444	.001737	.001327	.001007	.000963
Years	33	34	35	36	37	38	39	40
Labor Hours	.002000	.001857	.002800	.002930	.002724	.003480	.003821	.003975
Material Cost	.013201	.012593	.025782	.029336	.026410	.044736	.055664	.057671
Equipment Hours	.001000	.000928	.001400	.001465	.001362	.001740	.001911	.001988
Years	41	42	43	44	45	46	47	48
Labor Hours	.004546	.003294	.002702	.002654	.002211	.002357	.002187	.001924
Material Cost	.070642	.041217	.030588	.027280	.017757	.018458	.014489	.013480
Equipment Hours	.002273	.001647	.001351	.001327	.001105	.001179	.001093	.000962
Years	49	50	51	52	53	54	55	56
Labor Hours	.001991	.001912	.002773	.004251	.003939	.003835	.003810	.004015
Material Cost	.012747	.012436	.024749	.042660	.040293	.039740	.036179	.042297
Equipment Hours	.000996	.000956	.001386	.002125	.001969	.001917	.001906	.002008
Years	57	58	59	60	61	62	63	64
Labor Hours	.004406	.003966	.002709	.002011	.002321	.002663	.002144	.002455
Material Cost	.045817	.039500	.023100	.015107	.017111	.022483	.016444	.024547
Equipment Hours	.002203	.001983	.001355	.001005	.001160	.001332	.001072	.001228
Years	65	66	67	68	69	70	71	72
Labor Hours	.002869	.002980	.003585	.002360	.002330	.002320	.002463	.003276
Material Cost	.039097	.040379	.055464	.024730	.023301	.022075	.025636	.037612
Equipment Hours	.001435	.001490	.001793	.001180	.001165	.001160	.001232	.001638
Years	73	74	75	76	77	78	79	80
Labor Hours	.003078	.002631	.003259	.002760	.003961	.005219	.004439	.004198
Material Cost	.032848	.026458	.033476	.025778	.042257	.057741	.047848	.043888
Equipment Hours	.001539	.001316	.001630	.001380	.001980	.002609	.002220	.002099

UPH ENLISTED PERSONNEL

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0500000	Interior Construction										
Years		1	2	3	4	5	6	7	8		
Labor Hours	.000002	.000003	.000038	.001534	.001645	.000272	.000375	.001877			
Material Cost	.000029	.000046	.000160	.013480	.017215	.013480	.013480	.020708			
Equipment Hours	.000002	.000003	.000038	.001534	.001645	.000272	.000375	.001877			
Years		9	10	11	12	13	14	15	16		
Labor Hours	.002076	.000658	.000743	.002167	.002176	.000894	.001056	.001056	.002081		
Material Cost	.044119	.040149	.041436	.044794	.045508	.041673	.041673	.041673	.022517		
Equipment Hours	.002076	.000658	.000743	.002167	.002176	.000894	.001056	.001056	.002007		
Years		17	18	19	20	21	22	23	24		
Labor Hours	.001863	.000607	.000624	.002108	.002312	.000964	.000964	.000895	.002117		
Material Cost	.020330	.020121	.020675	.045681	.047212	.042726	.042726	.043327	.043282		
Equipment Hours	.001874	.000537	.000550	.002073	.002237	.000908	.000908	.000833	.002104		
Years		25	26	27	28	29	30	31	32		
Labor Hours	.002374	.000966	.000689	.004590	.002406	.001800	.001800	.001602	.003171		
Material Cost	.052879	.048525	.025959	.038854	.036750	.032952	.032952	.071652	.076224		
Equipment Hours	.002373	.000964	.000685	.003439	.002403	.001373	.001373	.001562	.002789		
Years		33	34	35	36	37	38	39	40		
Labor Hours	.003900	.001856	.001936	.002463	.003042	.003141	.002474	.002474	.001148		
Material Cost	.066337	.061211	.069670	.073014	.073823	.048804	.051399	.051399	.047361		
Equipment Hours	.003000	.001762	.001912	.002388	.002612	.002294	.002294	.001954	.001078		
Years		41	42	43	44	45	46	47	48		
Labor Hours	.001557	.001376	.003023	.001888	.001866	.002032	.002032	.001399	.004353		
Material Cost	.035352	.033363	.035417	.036192	.038068	.037127	.037127	.036191	.041507		
Equipment Hours	.001171	.001337	.002195	.001869	.001853	.001709	.001709	.001393	.003103		
Years		49	50	51	52	53	54	55	56		
Labor Hours	.002167	.002384	.002197	.001828	.003487	.002322	.001338	.002322	.001645		
Material Cost	.060397	.060670	.043663	.043465	.044279	.043687	.049040	.057380	.032710		
Equipment Hours	.002144	.002017	.001746	.001746	.002511	.001243	.001243	.001914	.001613		
Years		57	58	59	60	61	62	63	64		
Labor Hours	.002765	.003293	.002019	.001867	.001805	.001064	.001064	.002796	.002970		
Material Cost	.038027	.036563	.033772	.054695	.051047	.049040	.049040	.039951	.046049		
Equipment Hours	.002179	.002278	.001617	.001830	.001802	.001053	.001053	.001835	.002645		
Years		65	66	67	68	69	70	71	72		
Labor Hours	.002652	.001983	.000748	.004679	.002480	.000872	.000872	.001262	.002837		
Material Cost	.058094	.055188	.032034	.041154	.039614	.03320	.03320	.058550	.065169		
Equipment Hours	.002623	.001553	.000717	.003349	.002337	.000792	.000792	.001238	.002759		
Years		73	74	75	76	77	78	79	80		
Labor Hours	.003028	.001112	.001240	.002798	.002811	.003575	.003575	.001011	.002448		
Material Cost	.065674	.058050	.061246	.064348	.063589	.039834	.039834	.034829	.039331		
Equipment Hours	.002819	.001089	.001147	.002736	.002763	.002260	.002260	.001003	.002020		

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 UM = Unit of Measure ID
 TD = Trade ID

UPH ENLISTED PERSONNEL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
040000 Exterior Closure	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000429	.000699	.000739	.001964	.001983	.002331	.003127	.003548
Material Cost	.000827	.001334	.001445	.003021	.002901	.002911	.004485	.007152
Equipment Hours	.000429	.000699	.000739	.001964	.001983	.002331	.003127	.003548
Years	9	10	11	12	13	14	15	16
Labor Hours	.003533	.003728	.004024	.002811	.001813	.002944	.003833	.004794
Material Cost	.007433	.008713	.011542	.010917	.009602	.010116	.010733	.011538
Equipment Hours	.003533	.003728	.004024	.002811	.001813	.002944	.003833	.004794
Years	17	18	19	20	21	22	23	24
Labor Hours	.003975	.003884	.004774	.004883	.004655	.004796	.005289	.007502
Material Cost	.009825	.010016	.012344	.010314	.008999	.010356	.012035	.013462
Equipment Hours	.003975	.003884	.004774	.004883	.004655	.004796	.005289	.007502
Years	25	26	27	28	29	30	31	32
Labor Hours	.005127	.005295	.005110	.004566	.003284	.003775	.003023	.004125
Material Cost	.010859	.010041	.009586	.007703	.010839	.012781	.012828	.015356
Equipment Hours	.005127	.005295	.005110	.004566	.003284	.003775	.003023	.004125
Years	33	34	35	36	37	38	39	40
Labor Hours	.003295	.003609	.003779	.003652	.004383	.003986	.004282	.004576
Material Cost	.014303	.015553	.014361	.013124	.018524	.017625	.017938	.017666
Equipment Hours	.003295	.003609	.003779	.003652	.004383	.003986	.004282	.004576
Years	41	42	43	44	45	46	47	48
Labor Hours	.003862	.003564	.004252	.004466	.004848	.005067	.005562	.008166
Material Cost	.013362	.012895	.013593	.015354	.015094	.015100	.017343	.020050
Equipment Hours	.003773	.003464	.004163	.004368	.004759	.004985	.005524	.008166
Years	49	50	51	52	53	54	55	56
Labor Hours	.004380	.004594	.005809	.005957	.003985	.003283	.004639	.005014
Material Cost	.016904	.018531	.017566	.017501	.016161	.016161	.017824	.018609
Equipment Hours	.004380	.004594	.005809	.005957	.003985	.003283	.004639	.005014
Years	57	58	59	60	61	62	63	64
Labor Hours	.004269	.003521	.003957	.003958	.003365	.004530	.004502	.005412
Material Cost	.016794	.013312	.011107	.011595	.011475	.039504	.050639	.053002
Equipment Hours	.004268	.003510	.003956	.003946	.003364	.004518	.004500	.005374
Years	65	66	67	68	69	70	71	72
Labor Hours	.005063	.005795	.006859	.005791	.005692	.005766	.009154	.007181
Material Cost	.051468	.060310	.065600	.069258	.069270	.067609	.075603	.072946
Equipment Hours	.005051	.005791	.006843	.005785	.005675	.005760	.009138	.007177
Years	73	74	75	76	77	78	79	80
Labor Hours	.007184	.006848	.007155	.006116	.005790	.004891	.005719	.005996
Material Cost	.072623	.073032	.072576	.071712	.049623	.073278	.073278	.070203
Equipment Hours	.007180	.006832	.007151	.006100	.005776	.004800	.005616	.005893

UPH ENLISTED PERSONNEL
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years								
Labor Hours	.002156	.003888	.003888	.003921	.003936	.003946	.004472	.005242
Material Cost	.009581	.017202	.017203	.017606	.017656	.017356	.028652	.050337
Equipment Hours	.002156	.003888	.003888	.003921	.003936	.003946	.004302	.004768
Years								
Labor Hours	.005528	.005205	.005309	.005522	.006318	.007271	.007795	.009702
Material Cost	.052307	.036060	.021219	.020155	.049966	.109724	.123538	.149583
Equipment Hours	.005071	.005013	.005309	.005522	.006002	.006242	.006557	.008096
Years								
Labor Hours	.009089	.008440	.009970	.007405	.008327	.008107	.009075	.007700
Material Cost	.137012	.113426	.174073	.108271	.128238	.107915	.135614	.083728
Equipment Hours	.007694	.007355	.008138	.006446	.007146	.007154	.007741	.006918
Years								
Labor Hours	.006780	.007270	.006457	.007705	.006791	.007066	.007874	.008927
Material Cost	.056352	.047105	.028470	.035909	.032488	.028741	.069773	.148092
Equipment Hours	.006280	.007031	.006441	.007599	.006752	.007043	.007362	.007401
Years								
Labor Hours	.008423	.008456	.006300	.006766	.008527	.008468	.008326	.008614
Material Cost	.150097	.144853	.104559	.102072	.142249	.143524	.139784	.138371
Equipment Hours	.007101	.006885	.005388	.005867	.007041	.007045	.006935	.007129
Years								
Labor Hours	.009485	.007248	.006456	.006164	.006337	.006095	.007311	.007973
Material Cost	.159649	.074051	.025873	.025240	.033386	.035107	.036919	.060547
Equipment Hours	.007823	.006694	.006428	.006130	.006223	.006042	.007125	.007487
Years								
Labor Hours	.008652	.008547	.011340	.009270	.007808	.007501	.008472	.009153
Material Cost	.093795	.133592	.132486	.137861	.105521	.107057	.148416	.174384
Equipment Hours	.007777	.007271	.009609	.007992	.006768	.006455	.006875	.007111
Years								
Labor Hours	.009594	.009279	.009559	.007782	.008844	.007041	.007405	.007560
Material Cost	.161524	.130252	.127654	.064227	.030490	.033385	.044051	.061062
Equipment Hours	.007808	.007983	.008098	.007247	.008717	.006838	.007037	.006953
Years								
Labor Hours	.006485	.005409	.005632	.007403	.006897	.007611	.007956	.009466
Material Cost	.059262	.082274	.092898	.155662	.148657	.173208	.179482	.173263
Equipment Hours	.005825	.004907	.005095	.006066	.005679	.006114	.006494	.007834
Years								
Labor Hours	.011236	.010677	.009908	.011504	.010870	.009775	.008683	.008366
Material Cost	.208722	.207597	.169453	.124615	.126148	.067532	.044116	.057414
Equipment Hours	.008950	.008559	.008123	.009822	.009371	.008773	.008047	.007540

UPH ENLISTED PERSONNEL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years								
Labor Hours	.000152	.001284	.002238	.002805	.004244	.003238	.002284	.003360
Material Cost	.000439	.001377	.002094	.004984	.004718	.003137	.004724	.014693
Equipment Hours	.000152	.001283	.002200	.002773	.004173	.003237	.002246	.003328
Years								
Labor Hours	.003998	.003933	.004351	.003962	.003619	.002689	.004146	.004627
Material Cost	.051418	.050849	.066272	.065760	.023315	.023745	.027367	.029405
Equipment Hours	.003897	.003901	.004205	.003810	.003455	.002595	.004019	.004521
Years								
Labor Hours	.003721	.003156	.003526	.004217	.005735	.004372	.004427	.004494
Material Cost	.024083	.027195	.067232	.066573	.071573	.070478	.039428	.039777
Equipment Hours	.003550	.003013	.003355	.004101	.005238	.003797	.003681	.003874
Years								
Labor Hours	.005802	.004668	.004159	.004896	.005327	.005625	.005247	.005405
Material Cost	.031822	.033524	.050193	.048699	.083703	.087890	.091039	.088207
Equipment Hours	.005242	.004069	.003345	.004144	.004680	.004806	.004622	.004595
Years								
Labor Hours	.004918	.003409	.004299	.004532	.004277	.004589	.004221	.004284
Material Cost	.048098	.045110	.054468	.053049	.051217	.058536	.073433	.075778
Equipment Hours	.004186	.002769	.003579	.003752	.003483	.003688	.003443	.003492
Years								
Labor Hours	.004494	.004259	.004134	.004487	.005659	.004495	.003696	.004566
Material Cost	.082613	.085143	.060553	.071655	.051935	.042064	.049337	.041354
Equipment Hours	.003777	.003565	.003521	.004002	.005231	.004208	.003300	.004001
Years								
Labor Hours	.004701	.004790	.004996	.005430	.005766	.004390	.005707	.006201
Material Cost	.069037	.063989	.059581	.049008	.022964	.031076	.032429	.052877
Equipment Hours	.004152	.004245	.004331	.004491	.004566	.003662	.004929	.005510
Years								
Labor Hours	.005684	.005084	.005018	.005118	.004837	.006423	.005312	.005337
Material Cost	.045497	.036942	.060273	.070036	.065618	.084763	.062608	.072570
Equipment Hours	.004631	.004073	.004044	.004392	.004263	.004693	.004179	.004542
Years								
Labor Hours	.007165	.006299	.004833	.005628	.005397	.004683	.003372	.005450
Material Cost	.067798	.047391	.053292	.045519	.045739	.068841	.079388	.086951
Equipment Hours	.006019	.005111	.003889	.004619	.004242	.003700	.002851	.004260
Years								
Labor Hours	.004942	.004116	.006555	.006222	.004226	.004711	.006222	.004029
Material Cost	.058206	.059678	.059502	.064741	.053714	.058878	.091741	.075653
Equipment Hours	.004049	.003329	.005152	.005249	.003668	.003925	.004691	.003596

UPH ENLISTED PERSONNEL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001151	.005594	.005638	.00969	.007060	.006037	.006034	.007275
Material Cost	.008496	.011609	.011969	.02520	.025794	.017498	.018402	.029385
Equipment Hours	.001151	.005015	.005054	.006375	.006472	.005447	.005443	.006673
Years	9	10	11	12	13	14	15	16
Labor Hours	.007258	.006472	.006896	.008151	.008139	.006978	.006776	.008087
Material Cost	.029104	.037636	.069931	.077525	.080596	.06937	.076150	.099475
Equipment Hours	.006659	.005738	.005929	.007226	.007208	.006075	.005775	.007138
Years	17	18	19	20	21	22	23	24
Labor Hours	.007959	.006891	.006825	.007914	.008132	.006952	.006887	.008283
Material Cost	.101760	.092108	.090469	.120283	.141264	.130738	.134136	.145964
Equipment Hours	.006999	.005922	.005860	.006932	.007078	.005920	.005790	.007173
Years	25	26	27	28	29	30	31	32
Labor Hours	.008689	.007533	.007350	.008687	.008615	.007544	.007214	.008445
Material Cost	.172330	.141405	.135767	.150098	.142170	.140268	.120937	.131469
Equipment Hours	.007426	.006230	.006130	.007330	.007374	.006223	.005978	.007223
Years	33	34	35	36	37	38	39	40
Labor Hours	.008447	.006845	.006697	.008086	.008086	.007044	.006895	.008113
Material Cost	.133705	.099898	.100896	.132554	.135889	.127234	.129071	.124982
Equipment Hours	.007214	.005813	.005677	.007032	.007002	.005973	.005795	.007043
Years	41	42	43	44	45	46	47	48
Labor Hours	.008131	.007148	.007060	.008344	.008185	.007112	.006890	.007940
Material Cost	.107080	.095923	.090160	.103754	.100709	.070573	.062304	.070831
Equipment Hours	.007124	.006159	.006074	.007344	.007221	.006123	.005971	.007002
Years	49	50	51	52	53	54	55	56
Labor Hours	.008142	.007243	.006968	.008118	.008352	.007406	.007555	.008458
Material Cost	.069448	.107633	.109343	.124692	.139942	.148535	.141678	.171349
Equipment Hours	.007256	.006209	.005898	.007003	.007150	.006072	.006153	.007144
Years	57	58	59	60	61	62	63	64
Labor Hours	.008574	.007500	.007259	.008346	.008598	.007340	.007123	.008431
Material Cost	.166011	.158901	.167963	.163725	.159538	.139530	.126009	.147212
Equipment Hours	.007264	.006168	.005930	.007011	.007329	.006185	.006018	.007258
Years	65	66	67	68	69	70	71	72
Labor Hours	.008532	.007188	.007074	.008402	.008353	.006982	.006705	.008017
Material Cost	.139978	.111836	.112650	.130117	.100317	.073573	.065888	.077440
Equipment Hours	.007419	.006072	.005986	.007261	.007316	.006020	.005784	.007043
Years	73	74	75	76	77	78	79	80
Labor Hours	.007937	.006846	.006748	.007862	.008053	.006868	.007118	.008297
Material Cost	.082173	.068389	.065658	.094322	.083256	.083153	.132911	.137503
Equipment Hours	.006954	.005884	.005793	.006888	.007146	.005920	.006006	.007164

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UPH ENLISTED PERSONNEL

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical		UM TD 2 2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000112	.000467	.000720	.000646	.000773	.001248	.001362	.001250
Material Cost	.000000	.000091	.001104	.001709	.001725	.012638	.011795	.013873
Equipment Hours	.000112	.000467	.000720	.000646	.000773	.001246	.001360	.001248
Years	9	10	11	12	13	14	15	16
Labor Hours	.001544	.001384	.002106	.002014	.002172	.002005	.002197	.002372
Material Cost	.014752	.014409	.033760	.033367	.034472	.033888	.034101	.033710
Equipment Hours	.001542	.001382	.002103	.002012	.002167	.002000	.002192	.002368
Years	17	18	19	20	21	22	23	24
Labor Hours	.002474	.002381	.002459	.002276	.002337	.002243	.002392	.002416
Material Cost	.034292	.038681	.033613	.033030	.026961	.029035	.028841	.030858
Equipment Hours	.002470	.002374	.002453	.002271	.002333	.002238	.002388	.002411
Years	25	26	27	28	29	30	31	32
Labor Hours	.002534	.002567	.002781	.002788	.002633	.002553	.002938	.002743
Material Cost	.028148	.079675	.091490	.096968	.077394	.082908	.111353	.095667
Equipment Hours	.002529	.002384	.002587	.002539	.002462	.002368	.002699	.002553
Years	33	34	35	36	37	38	39	40
Labor Hours	.003091	.002793	.002877	.003114	.003219	.003079	.003308	.003202
Material Cost	.106672	.097905	.096008	.057447	.049595	.053040	.050994	.052377
Equipment Hours	.002861	.002593	.002692	.003087	.003213	.003071	.003300	.003194
Years	41	42	43	44	45	46	47	48
Labor Hours	.002538	.002406	.002529	.002350	.002591	.001934	.002001	.001904
Material Cost	.031711	.029661	.028636	.029282	.030907	.039881	.038313	.043093
Equipment Hours	.002532	.002400	.002524	.002344	.002584	.001925	.001993	.001894
Years	49	50	51	52	53	54	55	56
Labor Hours	.001988	.001836	.002733	.002507	.002746	.002676	.002831	.003632
Material Cost	.048032	.038233	.055846	.056268	.057224	.058267	.053858	.096642
Equipment Hours	.001973	.001827	.002727	.002498	.002738	.002668	.002823	.003447
Years	57	58	59	60	61	62	63	64
Labor Hours	.003821	.003776	.003783	.003601	.002793	.002445	.002784	.002635
Material Cost	.107298	.108548	.098645	.093154	.092794	.069405	.079091	.078981
Equipment Hours	.003626	.003555	.003581	.003437	.002535	.002266	.002566	.002415
Years	65	66	67	68	69	70	71	72
Labor Hours	.002635	.002123	.002245	.002077	.002350	.002164	.002794	.002627
Material Cost	.070187	.039950	.040015	.039473	.038606	.038467	.052274	.052293
Equipment Hours	.002461	.002106	.002215	.002069	.002341	.002155	.002786	.002617
Years	73	74	75	76	77	78	79	80
Labor Hours	.002844	.002637	.002792	.002966	.003052	.002984	.003081	.002916
Material Cost	.052849	.053082	.054429	.054064	.052485	.056677	.061193	.051686
Equipment Hours	.002837	.002628	.002783	.002960	.003046	.002977	.003068	.002909

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UPH ENLISTED PERSONNEL

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
1200000	Special Inter. Electr. System	2	2						
Years									
Labor Hours	.000935	.001123	.001057	.001129	.001065	.001219	.001155	.001223	
Material Cost	.000000	.000000	.000095	.001862	.001883	.002187	.002221	.002304	
Equipment Hours	.000935	.001123	.001057	.001129	.001065	.001219	.001155	.001223	
Years									
Labor Hours	.001164	.001229	.001281	.001225	.001283	.001232	.001288	.001185	
Material Cost	.003996	.004019	.007777	.007731	.008357	.010196	.009535	.008194	
Equipment Hours	.001164	.001229	.001281	.001225	.001283	.001232	.001288	.001185	
Years									
Labor Hours	.001238	.001180	.001248	.001187	.001217	.001158	.001219	.001164	
Material Cost	.007818	.007840	.009597	.009778	.005299	.005190	.005008	.006323	
Equipment Hours	.001238	.001180	.001248	.001187	.001217	.001158	.001219	.001164	
Years									
Labor Hours	.001197	.001211	.001286	.001223	.001296	.001228	.001276	.001210	
Material Cost	.006841	.007445	.007696	.008346	.010207	.009506	.008393	.008035	
Equipment Hours	.001197	.001211	.001286	.001223	.001296	.001228	.001276	.001210	
Years									
Labor Hours	.001270	.001216	.001279	.001225	.001294	.001232	.001303	.001238	
Material Cost	.008040	.009752	.010027	.005668	.005737	.005280	.006506	.007167	
Equipment Hours	.001270	.001216	.001279	.001225	.001294	.001232	.001303	.001238	
Years									
Labor Hours	.001239	.001182	.001241	.001187	.001247	.001180	.001240	.001177	
Material Cost	.007397	.007631	.008298	.010135	.009469	.008198	.007823	.007824	
Equipment Hours	.001239	.001182	.001241	.001187	.001247	.001180	.001240	.001177	
Years									
Labor Hours	.001251	.001185	.001287	.001232	.001293	.001238	.001272	.001244	
Material Cost	.009569	.009801	.005558	.005455	.005284	.006486	.007196	.007653	
Equipment Hours	.001251	.001185	.001287	.001232	.001293	.001238	.001272	.001244	
Years									
Labor Hours	.001316	.001253	.001326	.001257	.001208	.001138	.001195	.001142	
Material Cost	.007909	.008372	.010498	.009806	.008142	.007765	.007776	.009497	
Equipment Hours	.001316	.001253	.001326	.001257	.001208	.001138	.001195	.001142	
Years									
Labor Hours	.001204	.001192	.001262	.001202	.001273	.001208	.001306	.001253	
Material Cost	.009761	.005457	.005522	.005072	.006302	.006968	.007647	.007899	
Equipment Hours	.001204	.001192	.001262	.001202	.001273	.001208	.001306	.001253	
Years									
Labor Hours	.001316	.001262	.001321	.001213	.001273	.001207	.001281	.001215	
Material Cost	.008558	.010391	.009738	.008405	.008040	.008027	.009779	.010000	
Equipment Hours	.001316	.001262	.001321	.001213	.001273	.001207	.001281	.001215	

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TRAINEE BRKS

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary		2	1							
Years	1									
Labor Hours	.004544	.011609	.014270	.016782	.018667	.016127	.015983	.016127	.015983	.022373
Material Cost	.026534	.039166	.044228	.076502	.089440	.077947	.088063	.077947	.088063	.137318
Equipment Hours	.003903	.010712	.013280	.015850	.017815	.015152	.015019	.015152	.015019	.021401
Years	9									
Labor Hours	.020947	.018326	.019781	.025243	.027867	.025008	.027020	.025008	.027020	.027744
Material Cost	.157106	.149322	.224305	.304690	.299606	.381848	.374060	.381848	.374060	.358065
Equipment Hours	.019922	.017314	.018611	.023136	.025240	.021096	.023115	.021096	.023115	.025338
Years	17									
Labor Hours	.026811	.024670	.024317	.027995	.028070	.025598	.028597	.025598	.028597	.027348
Material Cost	.350188	.345361	.392676	.400088	.443588	.453044	.411378	.453044	.411378	.356933
Equipment Hours	.024369	.022000	.021531	.025320	.025254	.022420	.025262	.022420	.025262	.025342
Years	25									
Labor Hours	.033476	.030913	.030993	.037649	.032442	.025717	.024554	.025717	.024554	.029887
Material Cost	.388481	.409277	.420380	.493447	.458948	.376263	.442539	.376263	.442539	.560307
Equipment Hours	.030104	.026271	.026904	.032901	.029133	.023498	.021903	.023498	.021903	.025968
Years	33									
Labor Hours	.029183	.023510	.025503	.026117	.027342	.028450	.026177	.028450	.026177	.029887
Material Cost	.493330	.439233	.474442	.470565	.477017	.507281	.533525	.507281	.533525	.521703
Equipment Hours	.025671	.020108	.021774	.023076	.023715	.024388	.022269	.024388	.022269	.024947
Years	41									
Labor Hours	.026828	.022551	.028572	.027654	.029134	.028290	.026922	.028290	.026922	.029393
Material Cost	.478321	.336830	.297969	.313870	.283902	.244384	.235621	.244384	.235621	.285222
Equipment Hours	.022123	.020377	.026322	.025365	.027434	.025925	.025261	.025925	.025261	.027639
Years	49									
Labor Hours	.029524	.030477	.032347	.033155	.032808	.029213	.027372	.029213	.027372	.029153
Material Cost	.322962	.433811	.469565	.490169	.470298	.472636	.454691	.472636	.454691	.522715
Equipment Hours	.027194	.026850	.027750	.027368	.027266	.023783	.023934	.023783	.023934	.025727
Years	57									
Labor Hours	.029551	.030776	.027348	.027576	.027160	.024462	.024385	.024462	.024385	.029641
Material Cost	.540460	.553437	.546933	.464811	.417312	.432210	.386560	.432210	.386560	.472757
Equipment Hours	.026148	.026656	.023793	.025343	.024638	.019965	.022061	.019965	.022061	.026323
Years	65									
Labor Hours	.030400	.025283	.028558	.033863	.029953	.025629	.024443	.025629	.024443	.031585
Material Cost	.484773	.376693	.439536	.512370	.427279	.381031	.378279	.381031	.378279	.439556
Equipment Hours	.026981	.022251	.024778	.029747	.026406	.021929	.021530	.021929	.021530	.028152
Years	73									
Labor Hours	.035836	.027263	.027427	.031924	.033046	.031222	.030945	.031222	.030945	.031015
Material Cost	.409799	.373678	.370003	.434708	.474213	.412215	.484193	.412215	.484193	.448646
Equipment Hours	.032312	.024283	.024323	.028340	.028163	.026431	.026571	.026431	.026571	.026815

TRAINEE BRKS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing	UM TD	2 17						
Years	1	2	3	4	5	6	7	8
Labor Hours	.001283	.001743	.001929	.001813	.001654	.001895	.001876	.001888
Material Cost	.006328	.011603	.011801	.010970	.010241	.010217	.010175	.010175
Equipment Hours	.000642	.000872	.000965	.000907	.000827	.000948	.000938	.000944
Years	9	10	11	12	13	14	15	16
Labor Hours	.001936	.001667	.001784	.003516	.004005	.004366	.004359	.001803
Material Cost	.010217	.010241	.010452	.054061	.072129	.071818	.071858	.011524
Equipment Hours	.000948	.000834	.000892	.001758	.002002	.002183	.002180	.000902
Years	17	18	19	20	21	22	23	24
Labor Hours	.001957	.002323	.002027	.002358	.001862	.001921	.002094	.001842
Material Cost	.011843	.015450	.012698	.014385	.012703	.011880	.011569	.011610
Equipment Hours	.000979	.001162	.001014	.001179	.000931	.000961	.001047	.000921
Years	25	26	27	28	29	30	31	32
Labor Hours	.005350	.006643	.006435	.006370	.002787	.002083	.001815	.001908
Material Cost	.054383	.072928	.072849	.071564	.015460	.010796	.012144	.011642
Equipment Hours	.002675	.003322	.003218	.003185	.001394	.001042	.000907	.000954
Years	33	34	35	36	37	38	39	40
Labor Hours	.001778	.001670	.001967	.002032	.001908	.003233	.003936	.004282
Material Cost	.010516	.010180	.010175	.012941	.010215	.046574	.070424	.074182
Equipment Hours	.000869	.000835	.000984	.001016	.000954	.001616	.001968	.002141
Years	41	42	43	44	45	46	47	48
Labor Hours	.004198	.001695	.002147	.002364	.002223	.002307	.001917	.001713
Material Cost	.072049	.011649	.011849	.013851	.013931	.014122	.011534	.010250
Equipment Hours	.002099	.000848	.001074	.001182	.001112	.001154	.000959	.000856
Years	49	50	51	52	53	54	55	56
Labor Hours	.001837	.001823	.005195	.006615	.006515	.006603	.002143	.002133
Material Cost	.010191	.010175	.054428	.072646	.072228	.072873	.012144	.013854
Equipment Hours	.000919	.000912	.002598	.003308	.003257	.003302	.001072	.001067
Years	57	58	59	60	61	62	63	64
Labor Hours	.002663	.002055	.001871	.001824	.001972	.001873	.001904	.003230
Material Cost	.016808	.012363	.010796	.010175	.010239	.010259	.010175	.046506
Equipment Hours	.001332	.001028	.000936	.000912	.000986	.000937	.000952	.001615
Years	65	66	67	68	69	70	71	72
Labor Hours	.003943	.004127	.004196	.002004	.002087	.002419	.002247	.002323
Material Cost	.070463	.071638	.071768	.017730	.011840	.013897	.013874	.014448
Equipment Hours	.001972	.002064	.002098	.001002	.001044	.001210	.001123	.001162
Years	73	74	75	76	77	78	79	80
Labor Hours	.002207	.002083	.002000	.001738	.005378	.006394	.006253	.006413
Material Cost	.015399	.011594	.011718	.011638	.057081	.070880	.070919	.070948
Equipment Hours	.001104	.001042	.001070	.000869	.002689	.003197	.003127	.003207

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TRAINEE BRKS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0400000 Exterior Closure								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000126	.000171	.000151	.000171	.000176	.000373	.001213	.001064
Material Cost	.000169	.000228	.000210	.000281	.000291	.000540	.001714	.002751
Equipment Hours	.000126	.000171	.000151	.000171	.000176	.000373	.001213	.001064
Years	9	10	11	12	13	14	15	16
Labor Hours	.000969	.001195	.001278	.000374	.000336	.001074	.001128	.001405
Material Cost	.003678	.004465	.004775	.003709	.003634	.004199	.004344	.002654
Equipment Hours	.000969	.001195	.001278	.000374	.000336	.001074	.001128	.001405
Years	17	18	19	20	21	22	23	24
Labor Hours	.001020	.001010	.001645	.002935	.003414	.003546	.003749	.003790
Material Cost	.001994	.001947	.003136	.004259	.004943	.005703	.005682	.005937
Equipment Hours	.001020	.001010	.001645	.002935	.003414	.003546	.003749	.003790
Years	25	26	27	28	29	30	31	32
Labor Hours	.004118	.002808	.003645	.002928	.001040	.001076	.001011	.001032
Material Cost	.006179	.005138	.002927	.001985	.001979	.002048	.004181	.004026
Equipment Hours	.004118	.002808	.003645	.002928	.001040	.001076	.001011	.001032
Years	33	34	35	36	37	38	39	40
Labor Hours	.001034	.000322	.000746	.001126	.001005	.001133	.001407	.001015
Material Cost	.004335	.003296	.003805	.004440	.004428	.003248	.002531	.002078
Equipment Hours	.001034	.000322	.000746	.001126	.001005	.001133	.001407	.001015
Years	41	42	43	44	45	46	47	48
Labor Hours	.000312	.000758	.003844	.002897	.003758	.004743	.003771	.002109
Material Cost	.001801	.004051	.005663	.005551	.005697	.006233	.005788	.005614
Equipment Hours	.000312	.000758	.003844	.002897	.003758	.004743	.003771	.002109
Years	49	50	51	52	53	54	55	56
Labor Hours	.002877	.004220	.004040	.001621	.001138	.001029	.000433	.000801
Material Cost	.003790	.005166	.005609	.004748	.004623	.006280	.005901	.005952
Equipment Hours	.002877	.004220	.004040	.001621	.001138	.001029	.000433	.000801
Years	57	58	59	60	61	62	63	64
Labor Hours	.001279	.001088	.001106	.001400	.000964	.000505	.001036	.001869
Material Cost	.007130	.006363	.005811	.004456	.005902	.012659	.014527	.023682
Equipment Hours	.001279	.001088	.001106	.001400	.000964	.000505	.001036	.001651
Years	65	66	67	68	69	70	71	72
Labor Hours	.001395	.002559	.004406	.004072	.003397	.002975	.004186	.003180
Material Cost	.014974	.015165	.017277	.016889	.017238	.017348	.018581	.017996
Equipment Hours	.001395	.002559	.004406	.004072	.003397	.002975	.004186	.003180
Years	73	74	75	76	77	78	79	80
Labor Hours	.004726	.004568	.001419	.000652	.000497	.001302	.001409	.001403
Material Cost	.018287	.019581	.016061	.013911	.010984	.012809	.012943	.008277
Equipment Hours	.004726	.004568	.001419	.000652	.000497	.001302	.001409	.001403

TRAINEE BRKS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0500000 Interior Construction								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000000	.000001	.000001	.000906	.001186	.000304	.000323	.001211
Material Cost	.000003	.000006	.000006	.002697	.024169	.021536	.021699	.024425
Equipment Hours	.000000	.000001	.000001	.000906	.001186	.000304	.000323	.001211
Years	9	10	11	12	13	14	15	16
Labor Hours	.001257	.000334	.000478	.001279	.001407	.000520	.000401	.001410
Material Cost	.026698	.023916	.024489	.026961	.027330	.024783	.024487	.026310
Equipment Hours	.001257	.000334	.000478	.001279	.001407	.000520	.000401	.001410
Years	17	18	19	20	21	22	23	24
Labor Hours	.001376	.000449	.000348	.001387	.001280	.000355	.000373	.001255
Material Cost	.024908	.022416	.022191	.023872	.027022	.024064	.024190	.026652
Equipment Hours	.001376	.000449	.000348	.001387	.001280	.000355	.000373	.001255
Years	25	26	27	28	29	30	31	32
Labor Hours	.001663	.000914	.000837	.001854	.001819	.000831	.000815	.000950
Material Cost	.046546	.043532	.043114	.045780	.044341	.041600	.042629	.043677
Equipment Hours	.001663	.000914	.000837	.001854	.001819	.000831	.000815	.000950
Years	33	34	35	36	37	38	39	40
Labor Hours	.000676	.001413	.001820	.000813	.000837	.001612	.001608	.000758
Material Cost	.022918	.025054	.046923	.043845	.044100	.045023	.045993	.043103
Equipment Hours	.000676	.001413	.001820	.000813	.000837	.001612	.001608	.000758
Years	41	42	43	44	45	46	47	48
Labor Hours	.000507	.001271	.001340	.000551	.000483	.001358	.001361	.000561
Material Cost	.023185	.025766	.025166	.023369	.025167	.026869	.026879	.024533
Equipment Hours	.000507	.001271	.001340	.000551	.000483	.001358	.001361	.000561
Years	49	50	51	52	53	54	55	56
Labor Hours	.000496	.001387	.001224	.000391	.000360	.001171	.001619	.000965
Material Cost	.025357	.027106	.027384	.024972	.024210	.026392	.045834	.042857
Equipment Hours	.000496	.001387	.001224	.000391	.000360	.001171	.001619	.000965
Years	57	58	59	60	61	62	63	64
Labor Hours	.000871	.001798	.001782	.000856	.000856	.000932	.000668	.001448
Material Cost	.044181	.046402	.046401	.044905	.044891	.044743	.022972	.025080
Equipment Hours	.000871	.001798	.001782	.000856	.000856	.000932	.000668	.001448
Years	65	66	67	68	69	70	71	72
Labor Hours	.001835	.000750	.000721	.001626	.001674	.000783	.000537	.001367
Material Cost	.045810	.042729	.042335	.045044	.045671	.042722	.025311	.028492
Equipment Hours	.001835	.000750	.000721	.001626	.001674	.000783	.000537	.001367
Years	73	74	75	76	77	78	79	80
Labor Hours	.001634	.000536	.000447	.001464	.001472	.000537	.000444	.001381
Material Cost	.027791	.026713	.026974	.029457	.028836	.025186	.025349	.027647
Equipment Hours	.001634	.000536	.000447	.001464	.001472	.000537	.000444	.001381

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 UM = Unit of Measure ID
 TD = Trade ID

TRAINEE BRKS

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1									
Labor Hours	.001767	.002996	.002996	.002999	.002999	.002999	.002999	.003012	.003482	.003496
Material Cost	.007645	.012972	.012972	.012972	.012972	.012972	.012972	.013105	.013528	.014885
Equipment Hours	.001767	.002996	.002996	.002996	.002996	.002996	.002999	.003012	.003482	.003496
Years	9									
Labor Hours	.003660	.004026	.003752	.005460	.005460	.005460	.005460	.008031	.008408	.007195
Material Cost	.017553	.018166	.015608	.015077	.015077	.015077	.043168	.127357	.127570	.112447
Equipment Hours	.003660	.004026	.003752	.005460	.005460	.005460	.005910	.006578	.006955	.005995
Years	17									
Labor Hours	.008294	.007839	.008714	.006369	.006369	.006369	.005901	.008035	.008685	.005380
Material Cost	.107782	.113732	.127398	.106752	.106752	.106752	.111740	.136893	.144828	.052162
Equipment Hours	.007167	.006691	.007261	.005243	.005243	.005243	.004700	.006547	.007167	.004982
Years	25									
Labor Hours	.005242	.006634	.007922	.008241	.008241	.008241	.009237	.007479	.006794	.009409
Material Cost	.024792	.024276	.030351	.042324	.042324	.042324	.038229	.025640	.056060	.140736
Equipment Hours	.005207	.006285	.007887	.007827	.007827	.007827	.008742	.007444	.006049	.007572
Years	33									
Labor Hours	.007995	.008823	.007803	.005880	.005880	.005880	.008513	.007751	.006569	.008370
Material Cost	.134806	.118469	.117875	.104059	.104059	.104059	.141131	.120154	.112876	.130377
Equipment Hours	.006512	.007274	.006217	.004761	.004761	.004761	.006676	.006245	.005369	.006568
Years	41									
Labor Hours	.007713	.004870	.006924	.006228	.006228	.006228	.005617	.006231	.008921	.008322
Material Cost	.167919	.064344	.050626	.029506	.029506	.029506	.034503	.039788	.033349	.053849
Equipment Hours	.005842	.006326	.006444	.005844	.005844	.005844	.005548	.005812	.008537	.008082
Years	49									
Labor Hours	.008964	.009972	.008486	.008700	.008700	.008700	.008090	.008396	.009341	.006958
Material Cost	.067561	.151624	.130102	.120701	.120701	.120701	.121240	.114783	.143126	.112301
Equipment Hours	.008182	.008100	.006985	.007151	.007151	.007151	.006535	.007061	.007456	.005434
Years	57									
Labor Hours	.008426	.010186	.009591	.007018	.007018	.007018	.007750	.006765	.005936	.006846
Material Cost	.113468	.141774	.141018	.052264	.052264	.052264	.036704	.030329	.036202	.032626
Equipment Hours	.007226	.008305	.007754	.006573	.006573	.006573	.007101	.006381	.005772	.004462
Years	65									
Labor Hours	.005035	.003718	.006942	.008504	.008504	.008504	.006970	.007830	.006053	.009852
Material Cost	.021833	.030168	.069961	.164458	.164458	.164458	.134497	.126756	.115084	.138022
Equipment Hours	.004637	.003600	.006050	.006415	.006415	.006415	.005483	.006197	.004843	.008363
Years	73									
Labor Hours	.010427	.008343	.009486	.011246	.011246	.011246	.010517	.008553	.009487	.005794
Material Cost	.140465	.117047	.124328	.138254	.138254	.138254	.138411	.055540	.037088	.026438
Equipment Hours	.008866	.007182	.008201	.009213	.009213	.009213	.009029	.007728	.008993	.005711

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TRAINEE BRKS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.00138	.00830	.003083	.002691	.004384	.003051	.001476	.004987
Material Cost	.000088	.000714	.002653	.012203	.002359	.002604	.010809	.031506
Equipment Hours	.000138	.000830	.003083	.002691	.004384	.003051	.001476	.004986
Years	9	10	11	12	13	14	15	16
Labor Hours	.003409	.003132	.003469	.003501	.004771	.002089	.004244	.005142
Material Cost	.049164	.044005	.055968	.064492	.020194	.037992	.033309	.033834
Equipment Hours	.003379	.003103	.003427	.003445	.004752	.002065	.004222	.005100
Years	17	18	19	20	21	22	23	24
Labor Hours	.003437	.004370	.002735	.004167	.004834	.002974	.004873	.003768
Material Cost	.036187	.042304	.072446	.061983	.060759	.059049	.027679	.027562
Equipment Hours	.003389	.004256	.002690	.004101	.004591	.002735	.004491	.003518
Years	25	26	27	28	29	30	31	32
Labor Hours	.005561	.003826	.002221	.006059	.005598	.004664	.004210	.004627
Material Cost	.021182	.019183	.051441	.068341	.103372	.082711	.080494	.090988
Equipment Hours	.005343	.003630	.001967	.005570	.004871	.004098	.003937	.004177
Years	33	34	35	36	37	38	39	40
Labor Hours	.005770	.002188	.003912	.004177	.003461	.005104	.002857	.003782
Material Cost	.045940	.056161	.052087	.042837	.036100	.055562	.063706	.065908
Equipment Hours	.005312	.001769	.003406	.003752	.003035	.004610	.002579	.003092
Years	41	42	43	44	45	46	47	48
Labor Hours	.003512	.003117	.004976	.004328	.005865	.004874	.002068	.005780
Material Cost	.076090	.087964	.058173	.074745	.043096	.035807	.046282	.051774
Equipment Hours	.003034	.002600	.004560	.003902	.005615	.004350	.002021	.005381
Years	49	50	51	52	53	54	55	56
Labor Hours	.004471	.004024	.003436	.004504	.005381	.002497	.004359	.005750
Material Cost	.072923	.057063	.040231	.045364	.018485	.030289	.033137	.049080
Equipment Hours	.004153	.003622	.003389	.003990	.005102	.002281	.004324	.005541
Years	57	58	59	60	61	62	63	64
Labor Hours	.003918	.005227	.002618	.004270	.004309	.003003	.005341	.004643
Material Cost	.051348	.049474	.064827	.055762	.056883	.083467	.057912	.080111
Equipment Hours	.003703	.004705	.002548	.004024	.004055	.002537	.004754	.004211
Years	65	66	67	68	69	70	71	72
Labor Hours	.006452	.004967	.002917	.006279	.004576	.003094	.002267	.003645
Material Cost	.061642	.043532	.048037	.060171	.067244	.058392	.064526	.076922
Equipment Hours	.006058	.004522	.002616	.005692	.003863	.002503	.001960	.003190
Years	73	74	75	76	77	78	79	80
Labor Hours	.005978	.002745	.004999	.005504	.003971	.005221	.003213	.003822
Material Cost	.050313	.059076	.054133	.052325	.058556	.067201	.093980	.069565
Equipment Hours	.005377	.002250	.004445	.005101	.003538	.004734	.002930	.003312

TRAINEE BRKS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.00921	.005069	.005082	.007270	.007242	.005775	.005747	.007950
Material Cost	.012302	.013643	.013694	.034180	.032283	.014352	.014106	.035003
Equipment Hours	.000921	.005043	.005056	.007244	.007216	.005747	.005721	.007923
Years	9	10	11	12	13	14	15	16
Labor Hours	.007721	.006117	.006424	.008643	.008432	.006501	.005910	.008148
Material Cost	.032574	.031630	.046747	.073822	.066125	.050065	.048200	.105334
Equipment Hours	.007693	.005968	.006188	.008350	.008188	.006250	.005659	.007886
Years	17	18	19	20	21	22	23	24
Labor Hours	.007972	.006023	.006061	.008179	.008237	.006368	.006275	.008768
Material Cost	.104609	.082410	.084816	.122799	.167778	.155124	.138964	.172114
Equipment Hours	.007690	.005778	.005795	.007875	.007804	.005886	.005886	.008340
Years	25	26	27	28	29	30	31	32
Labor Hours	.008875	.006981	.006770	.009010	.008772	.006654	.006744	.008791
Material Cost	.172307	.129530	.110326	.141372	.140688	.107750	.121795	.135905
Equipment Hours	.008434	.006426	.006373	.008572	.008305	.006255	.006204	.008348
Years	33	34	35	36	37	38	39	40
Labor Hours	.008542	.005936	.005975	.008648	.008057	.006195	.006181	.008197
Material Cost	.135382	.100258	.111344	.173877	.152679	.148264	.150509	.116800
Equipment Hours	.008080	.005540	.005541	.008167	.007655	.005752	.005728	.007892
Years	41	42	43	44	45	46	47	48
Labor Hours	.007982	.006327	.006690	.008796	.008565	.006506	.006496	.008587
Material Cost	.100512	.082475	.086284	.106539	.103101	.050223	.048016	.065663
Equipment Hours	.007727	.006079	.006411	.008508	.008298	.006240	.006240	.008331
Years	49	50	51	52	53	54	55	56
Labor Hours	.008412	.006782	.006751	.008265	.008121	.006364	.006219	.008514
Material Cost	.066603	.115499	.116491	.128021	.138604	.128755	.119326	.166672
Equipment Hours	.008121	.006341	.006311	.007867	.007678	.005805	.005779	.008107
Years	57	58	59	60	61	62	63	64
Labor Hours	.008285	.006379	.006298	.008393	.008724	.006809	.006696	.008953
Material Cost	.174645	.156040	.146672	.172106	.167570	.147475	.135493	.167404
Equipment Hours	.007825	.005910	.005820	.007941	.008278	.006343	.006296	.008503
Years	65	66	67	68	69	70	71	72
Labor Hours	.008991	.006607	.006674	.008782	.008413	.005883	.005916	.008019
Material Cost	.166780	.104343	.118313	.135963	.078900	.050842	.051948	.072136
Equipment Hours	.008554	.006203	.006203	.008345	.008126	.005617	.005643	.007732
Years	73	74	75	76	77	78	79	80
Labor Hours	.007772	.005882	.005896	.008140	.007888	.006004	.006780	.009062
Material Cost	.067186	.049922	.049477	.100605	.097466	.080428	.150965	.162253
Equipment Hours	.007515	.005624	.005632	.007863	.007638	.005725	.006337	.008662

TRAINEE BRKS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years	1	2	3	4	5	6	7	8
Labor Hours	.00034	.00108	.000301	.00204	.000299	.000958	.001071	.000950
Material Cost	.000000	.000000	.000793	.001016	.000978	.013395	.013668	.014152
Equipment Hours	.000034	.000108	.000301	.000204	.000299	.000958	.001071	.000950
Years	9	10	11	12	13	14	15	16
Labor Hours	.001201	.001060	.001756	.001626	.001808	.001618	.001767	.001818
Material Cost	.014859	.014573	.036109	.035715	.036944	.035934	.036182	.036617
Equipment Hours	.001201	.001060	.001756	.001626	.001807	.001618	.001767	.001817
Years	17	18	19	20	21	22	23	24
Labor Hours	.001937	.001799	.001930	.001743	.001717	.001569	.001690	.001716
Material Cost	.034735	.036577	.039657	.033177	.028583	.028568	.026357	.030210
Equipment Hours	.001929	.001798	.001920	.001743	.001707	.001559	.001690	.001707
Years	25	26	27	28	29	30	31	32
Labor Hours	.001841	.002232	.002285	.002313	.002346	.002092	.002371	.002378
Material Cost	.033053	.084353	.078401	.091812	.084988	.077489	.096029	.105271
Equipment Hours	.001839	.002013	.002099	.002093	.002119	.001913	.002184	.002142
Years	33	34	35	36	37	38	39	40
Labor Hours	.002559	.002329	.002449	.002560	.002677	.002506	.002736	.002603
Material Cost	.108772	.095667	.101464	.101623	.056467	.056127	.056550	.056334
Equipment Hours	.002339	.002127	.002230	.002558	.002667	.002504	.002726	.002601
Years	41	42	43	44	45	46	47	48
Labor Hours	.001776	.001682	.001826	.001694	.001829	.001448	.001569	.001465
Material Cost	.026626	.029744	.030120	.030619	.030336	.041997	.037617	.042731
Equipment Hours	.001774	.001664	.001824	.001684	.001828	.001445	.001552	.001463
Years	49	50	51	52	53	54	55	56
Labor Hours	.001610	.001412	.002369	.002209	.002323	.002305	.002412	.003149
Material Cost	.046226	.036312	.045219	.041913	.056966	.042539	.045120	.101638
Equipment Hours	.001591	.001411	.002358	.002191	.002315	.002287	.002409	.002930
Years	57	58	59	60	61	62	63	64
Labor Hours	.003224	.003162	.003230	.002970	.001807	.001800	.001995	.001843
Material Cost	.101908	.110712	.101472	.096888	.065959	.075257	.078653	.067239
Equipment Hours	.003028	.002941	.002995	.002790	.001621	.001556	.001775	.001625
Years	65	66	67	68	69	70	71	72
Labor Hours	.001940	.001682	.001825	.001689	.001960	.001773	.002390	.002349
Material Cost	.072567	.038860	.039947	.039825	.041200	.039876	.056777	.040663
Equipment Hours	.001720	.001680	.001807	.001688	.001943	.001771	.002389	.002307
Years	73	74	75	76	77	78	79	80
Labor Hours	.002446	.002290	.002368	.002349	.002495	.002346	.002493	.002274
Material Cost	.060237	.060017	.059179	.058948	.054725	.059320	.062590	.052631
Equipment Hours	.002445	.002264	.002366	.002347	.002471	.002344	.002467	.002274

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	UM	ID	2	1	4	5	6	7	8
0000000 Total Summary									
Years	1								
Labor Hours	.007594	.019009	.021120	.027204	.028650	.027099	.026640	.031907	
Material Cost	.033319	.065686	.069268	.095527	.110027	.160634	.157043	.220931	
Equipment Hours	.006328	.016177	.018049	.024046	.025615	.024013	.023608	.028449	
Years	9								
Labor Hours	.033660	.032852	.033001	.034544	.037964	.035732	.040296	.038694	
Material Cost	.248082	.287339	.453503	.529062	.635327	.503902	.576492	.498216	
Equipment Hours	.029977	.029338	.028979	.029373	.031839	.029520	.033183	.032975	
Years	17								
Labor Hours	.037550	.039557	.039260	.040638	.041127	.037467	.038255	.039178	
Material Cost	.551324	.483972	.537993	.493432	.576659	.649293	.534070	.548005	
Equipment Hours	.031563	.032724	.032108	.033968	.035029	.031533	.033137	.033797	
Years	25								
Labor Hours	.043527	.044820	.045760	.050711	.048515	.044358	.046107	.046009	
Material Cost	.687038	.782168	.830705	.874934	.823329	.745220	.916139	.951321	
Equipment Hours	.036147	.035451	.035270	.039136	.038317	.035336	.034802	.036171	
Years	33								
Labor Hours	.047747	.038837	.037695	.039662	.072535	.043636	.041051	.043114	
Material Cost	.916878	.822621	.682269	.674657	.621537	.624506	.632973	.681423	
Equipment Hours	.038412	.031503	.030367	.032475	.050328	.035872	.033057	.033681	
Years	41								
Labor Hours	.048932	.041715	.036486	.038484	.039593	.042302	.036582	.046111	
Material Cost	.640445	.490960	.478801	.591919	.487912	.515368	.389610	.443705	
Equipment Hours	.038275	.032279	.031227	.032847	.034746	.034722	.032500	.038193	
Years	49								
Labor Hours	.038004	.044078	.080629	.045545	.044025	.048267	.050621	.045689	
Material Cost	.572908	.657014	.708440	.601910	.714126	.766381	.793943	.928672	
Equipment Hours	.032600	.035662	.054738	.037771	.035498	.035277	.038501	.036556	
Years	57								
Labor Hours	.056490	.049293	.074661	.047022	.044550	.038650	.041195	.043567	
Material Cost	.970530	1.112591	.856178	.839643	.778663	.733635	.693266	.604711	
Equipment Hours	.042543	.036987	.050117	.037930	.036690	.031439	.032186	.035197	
Years	65								
Labor Hours	.051427	.041534	.046080	.045446	.041999	.043044	.041234	.044368	
Material Cost	.685015	.797908	.836330	.791999	.675758	.625019	.700743	.785916	
Equipment Hours	.040070	.033730	.037205	.036714	.035932	.035519	.034912	.036261	
Years	73								
Labor Hours	.049482	.044041	.054268	.045888	.045745	.047400	.044884	.049419	
Material Cost	.757419	.754028	.727212	.618324	.602663	.593389	.717492	.629180	
Equipment Hours	.040908	.036460	.041778	.037431	.037845	.037002	.035858	.039102	

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	UM TD							
03000:00 Roofing	2 17							
Years	1	2	3	4	5	6	7	8
Labor Hours	.002531	.003644	.004090	.003912	.003700	.004053	.003849	.003783
Material Cost	.014178	.026280	.026488	.025669	.026135	.025574	.024082	.024044
Equipment Hours	.001266	.001822	.002045	.001956	.001850	.002027	.001925	.001892
Years	9	10	11	12	13	14	15	16
Labor Hours	.004164	.003974	.003722	.005165	.006885	.007409	.007956	.004758
Material Cost	.025075	.027512	.024882	.057014	.110258	.115481	.122777	.047494
Equipment Hours	.002082	.001987	.001861	.002583	.003443	.003705	.003978	.002379
Years	17	18	19	20	21	22	23	24
Labor Hours	.004699	.007664	.008296	.008109	.005985	.004496	.004549	.004047
Material Cost	.038406	.072449	.084081	.075144	.057000	.032873	.031341	.029812
Equipment Hours	.002350	.003832	.004148	.004055	.002992	.002248	.002275	.002024
Years	25	26	27	28	29	30	31	32
Labor Hours	.006808	.009100	.012358	.010525	.009379	.009109	.005291	.004033
Material Cost	.058287	.092432	.118371	.112850	.073839	.060752	.046187	.027518
Equipment Hours	.003404	.004550	.006180	.005262	.004690	.004055	.002646	.002017
Years	33	34	35	36	37	38	39	40
Labor Hours	.004155	.004007	.006095	.006421	.005806	.008177	.007942	.009445
Material Cost	.027204	.027501	.057151	.065481	.056772	.103025	.120274	.146856
Equipment Hours	.002078	.002004	.003048	.003211	.002903	.004089	.003971	.004723
Years	41	42	43	44	45	46	47	48
Labor Hours	.009116	.004937	.006068	.005379	.004956	.005155	.004294	.003970
Material Cost	.141228	.050851	.068285	.052831	.043766	.042868	.028896	.027716
Equipment Hours	.004558	.002469	.003034	.002690	.002478	.002578	.002147	.001985
Years	49	50	51	52	53	54	55	56
Labor Hours	.004147	.003970	.006322	.009102	.009107	.008771	.009173	.008090
Material Cost	.026314	.025300	.057813	.091881	.094463	.091675	.073401	.080357
Equipment Hours	.002074	.001986	.003161	.004552	.004554	.004386	.004587	.004045
Years	57	58	59	60	61	62	63	64
Labor Hours	.012277	.011253	.005773	.005448	.004686	.004793	.004274	.004965
Material Cost	.112472	.104410	.049801	.047069	.033137	.042085	.029895	.047465
Equipment Hours	.006139	.005627	.002887	.002724	.002343	.002397	.002137	.002483
Years	65	66	67	68	69	70	71	72
Labor Hours	.006299	.006873	.007296	.004264	.004464	.004818	.005204	.007462
Material Cost	.088629	.102316	.109185	.039891	.037144	.039758	.051468	.091858
Equipment Hours	.003150	.003437	.003648	.002132	.002232	.002409	.002602	.003731
Years	73	74	75	76	77	78	79	80
Labor Hours	.006853	.005922	.008129	.005599	.009245	.010712	.009929	.009139
Material Cost	.076394	.060345	.091872	.053061	.102920	.117710	.109628	.094568
Equipment Hours	.003427	.002961	.004065	.002800	.004623	.005356	.004965	.004570

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000134	.000205	.000572	.003505	.004048	.004014	.003937	.004737		
Material Cost	.000624	.001272	.001723	.007265	.011345	.010354	.010743	.015140		
Equipment Hours	.000134	.000205	.000572	.003505	.004048	.004014	.003937	.004737		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.004964	.006828	.004949	.003365	.003239	.004631	.007325	.005533		
Material Cost	.017485	.066749	.091340	.089235	.087399	.030130	.044961	.049624		
Equipment Hours	.004964	.006828	.004949	.003365	.003239	.004631	.007325	.005533		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.003648	.006189	.005648	.005334	.004792	.007408	.007715	.007249		
Material Cost	.044494	.049605	.037127	.017521	.046484	.088772	.095390	.095155		
Equipment Hours	.003648	.006189	.005648	.005334	.004792	.007408	.007715	.007249		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.006600	.006666	.004947	.004874	.005164	.006369	.003339	.005542		
Material Cost	.044364	.020594	.016809	.013584	.025738	.029689	.027009	.072175		
Equipment Hours	.006600	.006666	.004947	.004874	.005164	.006369	.003339	.005542		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.006872	.005432	.003570	.004187	.005376	.007270	.005153	.003774		
Material Cost	.129918	.125692	.119101	.061797	.028598	.031405	.026473	.024516		
Equipment Hours	.006872	.005432	.003570	.004187	.005376	.007270	.005153	.003774		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.005640	.004173	.006063	.006885	.008232	.007790	.008109	.008333		
Material Cost	.022557	.020891	.064067	.115509	.118213	.119056	.072114	.063184		
Equipment Hours	.005592	.004125	.006015	.006837	.008184	.007694	.008109	.008333		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.004852	.004663	.006059	.008480	.004859	.003356	.006713	.005826		
Material Cost	.070211	.073492	.053600	.048120	.023855	.052410	.097850	.097856		
Equipment Hours	.004852	.004663	.006059	.008477	.004857	.003356	.006713	.005823		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.006275	.004094	.005004	.007077	.005349	.006268	.002838	.004943		
Material Cost	.111551	.044000	.023755	.04816	.023240	.039480	.035158	.042611		
Equipment Hours	.006018	.004094	.005004	.006787	.005347	.006184	.002838	.004859		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.006059	.007324	.009517	.006908	.008042	.009157	.008507	.006441		
Material Cost	.100782	.17572	.211773	.205377	.136228	.039480	.11958	.104205		
Equipment Hours	.006059	.007208	.009511	.006908	.008036	.009154	.008498	.006438		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.009266	.009729	.011127	.006141	.005966	.005460	.00594	.006768		
Material Cost	.109466	.112541	.163696	.102147	.103461	.101577	.104189	.102824		
Equipment Hours	.009266	.009726	.009926	.006141	.005963	.005409	.006540	.006717		

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction			1	2	3	4	5	6	7	8
Years										
Labor Hours	.000003	.000004	.000007	.000726	.000832	.000192	.000231	.000941		
Material Cost	.000029	.000042	.000051	.002238	.010942	.008950	.009453	.012547		
Equipment Hours	.000003	.000004	.000007	.000726	.000832	.000192	.000231	.000941		
Years										
Labor Hours	.001073	.000353	.000302	.001020	.001078	.000421	.000386	.001012		
Material Cost	.021927	.020676	.021115	.023923	.023500	.022780	.021331	.014239		
Equipment Hours	.001073	.000353	.000302	.001020	.001078	.000421	.000386	.001012		
Years										
Labor Hours	.000942	.000164	.000181	.001063	.001099	.000365	.000417	.001050		
Material Cost	.013258	.010934	.011933	.022680	.022959	.020074	.021367	.021522		
Equipment Hours	.000938	.000164	.000175	.001059	.001091	.000361	.000414	.001050		
Years										
Labor Hours	.001193	.000482	.000403	.001189	.001240	.000461	.000690	.001007		
Material Cost	.031673	.028403	.019318	.022439	.022700	.021362	.035162	.037544		
Equipment Hours	.001193	.000482	.000403	.001189	.001196	.000461	.000690	.001003		
Years										
Labor Hours	.000835	.000939	.001141	.001053	.001118	.000873	.000847	.000521		
Material Cost	.026877	.029768	.036284	.035974	.034469	.025451	.027272	.025780		
Equipment Hours	.000831	.000932	.001093	.001053	.001074	.000869	.000840	.000517		
Years										
Labor Hours	.000426	.000837	.000747	.000781	.000787	.000678	.000687	.000886		
Material Cost	.019206	.019686	.020161	.019782	.021655	.020386	.020582	.020176		
Equipment Hours	.000422	.000793	.000747	.000781	.000787	.000678	.000687	.000813		
Years										
Labor Hours	.000890	.000840	.001711	.000801	.000697	.000878	.001032	.000889		
Material Cost	.027813	.027615	.025332	.024421	.023382	.025880	.033882	.024567		
Equipment Hours	.000890	.000836	.001219	.000763	.000693	.000746	.000938	.000856		
Years										
Labor Hours	.000864	.000908	.000907	.001008	.000922	.000634	.000495	.001183		
Material Cost	.024272	.025627	.023480	.033219	.031020	.031308	.021107	.023015		
Equipment Hours	.000826	.000845	.000835	.000890	.000878	.000575	.000466	.001154		
Years										
Labor Hours	.001300	.000637	.000599	.001119	.001195	.000562	.000482	.001363		
Material Cost	.030986	.029962	.024430	.024430	.025575	.023404	.029582	.034045		
Equipment Hours	.001271	.000578	.000467	.001086	.001161	.000496	.000549	.001326		
Years										
Labor Hours	.001282	.000595	.000570	.001403	.001240	.000463	.000599	.000969		
Material Cost	.032296	.030333	.029772	.032173	.021222	.018859	.021285	.023237		
Equipment Hours	.001251	.000500	.000504	.001316	.001233	.000433	.000522	.000822		

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.001140	.002141	.002162	.002201	.002335	.002224	.002532	.003176
Material Cost	.005306	.009857	.010037	.010333	.010313	.010253	.013941	.035056
Equipment Hours	.001140	.002141	.002162	.002201	.002335	.002224	.002480	.002820
Years	9	10	11	12	13	14	15	16
Labor Hours	.003883	.004001	.004423	.002985	.003662	.004249	.004545	.005623
Material Cost	.035272	.025817	.015685	.013117	.030137	.062769	.082483	.099744
Equipment Hours	.003560	.003850	.004423	.002985	.003432	.003589	.003620	.004427
Years	17	18	19	20	21	22	23	24
Labor Hours	.006024	.005652	.005819	.005450	.007272	.005406	.006128	.005106
Material Cost	.082203	.085568	.097822	.062608	.089683	.074788	.069647	.062391
Equipment Hours	.005088	.004669	.004735	.004820	.006325	.004632	.005416	.004453
Years	25	26	27	28	29	30	31	32
Labor Hours	.003968	.004940	.005109	.008992	.006836	.005158	.012326	.009729
Material Cost	.025772	.037518	.019034	.034614	.020881	.018399	.054108	.096946
Equipment Hours	.003764	.004449	.004758	.006597	.005440	.004622	.008391	.006329
Years	33	34	35	36	37	38	39	40
Labor Hours	.010123	.005831	.005950	.005448	.038044	.005632	.006912	.007344
Material Cost	.107412	.098215	.073657	.071402	.146618	.070892	.086313	.099859
Equipment Hours	.006644	.004162	.004417	.004366	.021174	.004675	.005491	.005835
Years	41	42	43	44	45	46	47	48
Labor Hours	.011359	.011553	.003584	.003275	.003099	.007411	.004477	.011597
Material Cost	.087568	.068570	.013009	.011861	.015502	.023606	.016604	.045794
Equipment Hours	.008336	.007506	.003584	.003275	.003093	.005245	.004425	.007846
Years	49	50	51	52	53	54	55	56
Labor Hours	.005274	.010602	.045087	.005163	.005170	.012059	.009330	.005470
Material Cost	.056472	.092195	.158600	.081179	.070142	.084564	.099628	.087181
Equipment Hours	.004561	.007530	.025503	.004287	.004392	.007677	.006094	.004263
Years	57	58	59	60	61	62	63	64
Labor Hours	.008595	.006694	.038808	.005107	.007915	.004168	.010380	.009639
Material Cost	.104937	.105272	.129396	.038520	.026028	.016181	.040122	.045367
Equipment Hours	.006253	.005291	.021520	.004781	.006706	.003942	.007457	.006648
Years	65	66	67	68	69	70	71	72
Labor Hours	.010191	.005043	.006421	.009963	.005141	.005859	.006487	.006113
Material Cost	.045672	.074360	.083336	.135892	.127327	.126263	.133846	.143175
Equipment Hours	.006711	.003743	.004864	.006314	.004012	.004564	.005341	.004783
Years	73	74	75	76	77	78	79	80
Labor Hours	.006447	.006603	.011305	.007417	.007156	.009917	.006325	.007733
Material Cost	.162041	.137162	.143899	.087762	.076733	.046620	.024488	.039423
Equipment Hours	.005025	.005005	.007625	.005856	.006010	.007124	.005271	.006232

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	UM ID	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.00183	.000891	.001726	.00249	.003465	.002221	.001812	.003719
Material Cost	.001718	.002356	.003055	.005412	.004418	.003733	.005861	.016233
Equipment Hours	.000183	.000891	.001719	.002694	.003303	.002215	.001806	.003578
Years	9	10	11	12	13	14	15	16
Labor Hours	.003577	.002574	.002620	.003602	.004235	.002203	.003057	.003917
Material Cost	.042911	.039627	.068840	.072651	.049023	.036373	.046820	.036320
Equipment Hours	.003334	.002518	.002445	.003276	.003899	.002060	.002920	.003743
Years	17	18	19	20	21	22	23	24
Labor Hours	.003543	.002986	.002697	.003827	.004537	.002781	.003517	.003910
Material Cost	.036258	.043788	.075154	.074436	.068084	.075900	.050211	.046017
Equipment Hours	.003278	.002893	.002579	.003618	.004137	.002477	.003204	.003416
Years	25	26	27	28	29	30	31	32
Labor Hours	.005562	.003412	.002782	.003862	.004404	.004744	.003113	.003846
Material Cost	.050151	.059917	.064982	.071556	.097057	.090125	.089718	.081246
Equipment Hours	.004746	.002933	.002346	.003622	.003937	.003726	.002858	.003587
Years	33	34	35	36	37	38	39	40
Labor Hours	.004284	.003201	.003719	.003395	.003534	.003960	.002558	.003051
Material Cost	.054513	.052567	.058635	.053371	.035307	.050684	.063620	.055624
Equipment Hours	.003934	.002592	.003031	.003107	.003118	.003362	.002161	.002477
Years	41	42	43	44	45	46	47	48
Labor Hours	.004427	.003478	.003302	.003530	.004790	.003923	.002490	.004110
Material Cost	.080795	.089113	.061804	.048407	.068370	.05704	.067119	.074707
Equipment Hours	.003266	.002618	.003042	.003318	.004204	.003343	.002280	.003780
Years	49	50	51	52	53	54	55	56
Labor Hours	.004478	.004994	.003301	.003953	.004092	.003724	.005235	.004381
Material Cost	.097623	.104207	.069898	.051057	.047711	.038346	.038032	.053958
Equipment Hours	.003893	.003690	.002803	.003494	.003790	.002957	.004197	.004065
Years	57	58	59	60	61	62	63	64
Labor Hours	.004683	.004286	.003717	.007016	.004177	.003645	.003970	.00396
Material Cost	.051203	.060865	.078996	.083408	.079908	.083310	.066664	.058926
Equipment Hours	.004837	.003631	.003043	.005159	.003764	.002818	.003440	.003550
Years	65	66	67	68	69	70	71	72
Labor Hours	.008804	.003802	.004186	.004558	.003905	.005244	.002774	.004034
Material Cost	.056348	.027527	.034665	.03717	.052256	.074351	.093080	.103922
Equipment Hours	.006316	.003282	.003296	.004171	.003434	.003584	.002297	.003484
Years	73	74	75	76	77	78	79	80
Labor Hours	.007025	.003825	.006060	.004899	.003443	.004032	.002978	.006663
Material Cost	.080571	.071356	.083521	.072163	.054816	.079051	.104489	.082483
Equipment Hours	.005233	.002977	.004442	.005115	.003088	.003368	.002591	.004492

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001641	.009240	.009328	.010794	.010919	.010278	.010045	.011519
Material Cost	.011264	.025705	.026461	.040617	.043176	.081056	.070419	.093856
Equipment Hours	.001641	.008229	.008309	.009746	.009896	.009226	.008995	.010449
Years	9	10	11	12	13	14	15	16
Labor Hours	.011436	.010846	.011807	.013463	.013689	.011792	.011707	.012747
Material Cost	.071114	.080615	.017309	.222007	.278361	.178795	.203179	.200333
Equipment Hours	.010381	.009526	.009820	.011202	.011577	.010096	.009642	.010791
Years	17	18	19	20	21	22	23	24
Labor Hours	.013375	.011842	.011359	.011989	.012536	.012403	.010948	.013020
Material Cost	.278976	.167837	.176405	.192857	.249261	.316588	.205281	.253871
Equipment Hours	.010960	.009921	.009591	.010222	.010799	.009804	.009194	.010813
Years	25	26	27	28	29	30	31	32
Labor Hours	.014419	.014684	.013697	.014413	.015483	.013674	.014426	.015461
Material Cost	.434893	.434342	.429793	.399165	.448206	.382805	.446209	.467442
Equipment Hours	.011478	.010929	.010369	.011351	.012067	.010417	.010367	.011583
Years	33	34	35	36	37	38	39	40
Labor Hours	.014280	.012745	.011158	.013171	.012651	.011968	.011496	.013113
Material Cost	.355747	.299133	.212132	.314947	.235720	.249872	.232577	.255807
Equipment Hours	.011341	.010015	.009220	.010656	.010732	.009940	.009356	.010605
Years	41	42	43	44	45	46	47	48
Labor Hours	.012837	.011830	.011669	.013883	.012565	.012376	.011373	.012257
Material Cost	.231017	.198524	.205971	.284941	.176529	.195604	.123523	.149454
Equipment Hours	.010985	.009894	.009760	.011219	.010846	.010225	.009735	.010486
Years	49	50	51	52	53	54	55	56
Labor Hours	.013077	.012261	.011854	.012489	.014015	.013796	.013153	.014574
Material Cost	.212416	.276070	.246385	.217675	.335693	.395016	.372148	.454488
Equipment Hours	.011113	.010217	.009732	.010648	.011242	.010477	.010021	.011138
Years	57	58	59	60	61	62	63	64
Labor Hours	.014520	.014568	.013396	.014793	.015199	.013824	.012792	.013109
Material Cost	.383164	.550870	.384921	.452186	.386073	.403531	.309306	.249283
Equipment Hours	.011412	.010550	.010045	.011099	.011838	.010422	.009962	.011010
Years	65	66	67	68	69	70	71	72
Labor Hours	.013360	.012764	.012708	.013505	.013689	.012284	.011704	.013226
Material Cost	.257861	.329917	.293447	.279431	.237507	.188538	.198100	.229484
Equipment Hours	.011300	.010424	.010150	.011047	.011500	.010226	.009658	.010866
Years	73	74	75	76	77	78	79	80
Labor Hours	.012647	.011697	.011228	.012661	.012564	.010946	.012240	.012538
Material Cost	.194858	.253703	.137176	.196407	.153849	.150417	.246147	.214110
Equipment Hours	.010753	.009657	.009374	.010441	.010841	.009483	.009839	.010664

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 UM = Unit of Measure ID
 TD = Trade ID

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years	1	2	3	4	5	6	7	8
Labor Hours	.00350	.001188	.001584	.001517	.001694	.002379	.002544	.002318
Material Cost	.000000	.000174	.001400	.003097	.003013	.018133	.020227	.021332
Equipment Hours	.000350	.001188	.001584	.001517	.001694	.002378	.002543	.002318
Years	9	10	11	12	13	14	15	16
Labor Hours	.002867	.002532	.003449	.003194	.003444	.003270	.003588	.003361
Material Cost	.025309	.023116	.051636	.047646	.051976	.050129	.050725	.045209
Equipment Hours	.002866	.002531	.003448	.003194	.003439	.003265	.003583	.003355
Years	17	18	19	20	21	22	23	24
Labor Hours	.003403	.003321	.003540	.003128	.003200	.002877	.003253	.003074
Material Cost	.051492	.050069	.050678	.043250	.039672	.034032	.056643	.035878
Equipment Hours	.003586	.003317	.003512	.003123	.003185	.002872	.003213	.003069
Years	25	26	27	28	29	30	31	32
Labor Hours	.003230	.003816	.004702	.005137	.004239	.004124	.005189	.004648
Material Cost	.037295	.103877	.158876	.216019	.127791	.137808	.212299	.164254
Equipment Hours	.003214	.003720	.004506	.004521	.004053	.003966	.004776	.004367
Years	33	34	35	36	37	38	39	40
Labor Hours	.005467	.004933	.004296	.004266	.004234	.004029	.004375	.004140
Material Cost	.211560	.184854	.120275	.084028	.077621	.088948	.073087	.068315
Equipment Hours	.004981	.004617	.004222	.004173	.004225	.003987	.004366	.004120
Years	41	42	43	44	45	46	47	48
Labor Hours	.003408	.003176	.003340	.003013	.003412	.003257	.003407	.003256
Material Cost	.045090	.039951	.040752	.051503	.039633	.052848	.56579	.059081
Equipment Hours	.003396	.003144	.003331	.002990	.003403	.003248	.003371	.003267
Years	49	50	51	52	53	54	55	56
Labor Hours	.003533	.003041	.004557	.003798	.004344	.003931	.004209	.004725
Material Cost	.077230	.053132	.091151	.081183	.114683	.075034	.074373	.125110
Equipment Hours	.003463	.003033	.004524	.003789	.004231	.003926	.004175	.004631
Years	57	58	59	60	61	62	63	64
Labor Hours	.005504	.005754	.005275	.004842	.004594	.003603	.004749	.004042
Material Cost	.179427	.216758	.160750	.138112	.193900	.111638	.187374	.133290
Equipment Hours	.005284	.005212	.005003	.004760	.004107	.003386	.004188	.003773
Years	65	66	67	68	69	70	71	72
Labor Hours	.003677	.003381	.003593	.003415	.003808	.003405	.004229	.003970
Material Cost	.099731	.052631	.073602	.075114	.058148	.054467	.077639	.075758
Equipment Hours	.003526	.003346	.003507	.003343	.003800	.003372	.004221	.003874
Years	73	74	75	76	77	78	79	80
Labor Hours	.004215	.003502	.004070	.004048	.004373	.004152	.004455	.003893
Material Cost	.077040	.081372	.073001	.069082	.078529	.075478	.102473	.067463
Equipment Hours	.004206	.003866	.004062	.004040	.004329	.004109	.004366	.003887

UPH DINING FACILITIES

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
120000 Special Inter. Electr. System	UM TD	2 2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.001611	.001695	.001652	.001703	.001656	.001737	.001692	.001715
Material Cost	.000000	.000000	.000053	.000896	.000685	.002581	.002316	.002524
Equipment Hours	.001611	.001695	.001652	.001703	.001656	.001737	.001692	.001715
Years	9	10	11	12	13	14	15	16
Labor Hours	.001696	.001744	.001732	.001748	.001731	.001757	.001733	.001742
Material Cost	.002991	.003228	.004697	.003469	.004673	.007444	.004215	.005253
Equipment Hours	.001696	.001744	.001732	.001749	.001732	.001757	.001733	.001742
Years	17	18	19	20	21	22	23	24
Labor Hours	.001714	.001737	.001720	.001738	.001707	.001731	.001707	.001723
Material Cost	.004235	.003723	.004792	.005036	.003516	.006266	.00491	.003360
Equipment Hours	.001714	.001738	.001720	.001738	.001707	.001732	.001707	.001723
Years	25	26	27	28	29	30	31	32
Labor Hours	.001747	.001721	.001760	.001719	.001770	.001720	.001734	.001745
Material Cost	.004604	.005085	.003500	.004706	.007117	.004277	.005447	.004197
Equipment Hours	.001747	.001721	.001761	.001719	.001770	.001720	.001735	.001745
Years	33	34	35	36	37	38	39	40
Labor Hours	.001730	.001750	.001766	.001722	.001774	.001728	.001765	.001727
Material Cost	.003645	.004892	.005034	.001657	.006430	.004228	.003357	.004667
Equipment Hours	.001731	.001750	.001766	.001722	.001775	.001728	.001765	.001727
Years	41	42	43	44	45	46	47	48
Labor Hours	.001719	.001730	.001714	.001737	.001750	.001710	.001745	.001702
Material Cost	.004983	.003372	.004750	.007085	.004246	.005497	.004193	.003594
Equipment Hours	.001720	.001730	.001714	.001737	.001750	.001710	.001745	.001702
Years	49	50	51	52	53	54	55	56
Labor Hours	.001753	.001706	.001739	.001760	.001741	.001752	.001775	.001733
Material Cost	.004829	.005003	.003661	.006395	.004197	.003456	.004630	.005154
Equipment Hours	.001753	.001706	.001737	.001760	.001741	.001753	.001776	.001734
Years	57	58	59	60	61	62	63	64
Labor Hours	.001773	.001735	.001780	.001733	.001707	.001715	.001697	.001719
Material Cost	.003505	.004788	.007078	.004312	.005338	.004101	.003639	.004761
Equipment Hours	.001773	.001735	.001781	.001731	.001708	.001715	.001697	.001720
Years	65	66	67	68	69	70	71	72
Labor Hours	.001737	.001710	.001760	.001712	.001756	.001715	.001746	.001760
Material Cost	.005006	.003624	.006390	.004147	.003393	.004597	.005071	.003469
Equipment Hours	.001737	.001710	.001760	.001712	.001756	.001716	.001747	.001760
Years	73	74	75	76	77	78	79	80
Labor Hours	.001747	.001767	.001780	.001721	.001758	.001718	.001763	.001717
Material Cost	.004755	.007216	.004275	.005529	.004233	.003677	.004793	.005071
Equipment Hours	.001747	.001767	.001780	.001722	.001759	.001718	.001763	.001717

UPH OFFICERS

Resources Per Square Foot

Task Description	UM ID	2	1	3	4	5	6	7	8
0000000 Total Summary									
Years	1	2	3	4	5	6	7	8	
Labor Hours	.006567	.015978	.019832	.025549	.029597	.025527	.024752	.035360	
Material Cost	.023319	.043554	.048404	.092911	.157758	.134424	.152660	.261145	
Equipment Hours	.005972	.014837	.018482	.024322	.028363	.024260	.023464	.033419	
Years	9	10	11	12	13	14	15	16	
Labor Hours	.039992	.031822	.035199	.033467	.039287	.032546	.040525	.053128	
Material Cost	.477747	.292152	.377301	.404161	.411618	.400139	.477414	.681851	
Equipment Hours	.035932	.030399	.033450	.031509	.036137	.029260	.036747	.046311	
Years	17	18	19	20	21	22	23	24	
Labor Hours	.043222	.037846	.038234	.039608	.054438	.038783	.042239	.040205	
Material Cost	.527189	.413714	.518315	.444138	.763459	.438873	.484220	.502465	
Equipment Hours	.038487	.034385	.033750	.036705	.047770	.036595	.039260	.036382	
Years	25	26	27	28	29	30	31	32	
Labor Hours	.049711	.048255	.038254	.044685	.045139	.046501	.042095	.043659	
Material Cost	.669402	.516047	.474002	.708308	.598121	.650751	.684026	.753319	
Equipment Hours	.044469	.044385	.033120	.039224	.039152	.039517	.038475	.038943	
Years	33	34	35	36	37	38	39	40	
Labor Hours	.046292	.042545	.036256	.040864	.055827	.050006	.047876	.041883	
Material Cost	.904206	.766260	.529475	.607303	.635803	.559294	.808294	.566704	
Equipment Hours	.039076	.035608	.033084	.036234	.044797	.043558	.040294	.036703	
Years	41	42	43	44	45	46	47	48	
Labor Hours	.048930	.043100	.040995	.040038	.046277	.038583	.036080	.041441	
Material Cost	.710019	.513641	.449560	.455868	.400980	.337649	.375598	.419670	
Equipment Hours	.040660	.037452	.037673	.034702	.043973	.036458	.033887	.038245	
Years	49	50	51	52	53	54	55	56	
Labor Hours	.042224	.047781	.051558	.053577	.038148	.035788	.047924	.047302	
Material Cost	.682148	.497359	.504959	.727219	.436495	.532803	.617444	.698721	
Equipment Hours	.036489	.042122	.045125	.044037	.034332	.030992	.042618	.041701	
Years	57	58	59	60	61	62	63	64	
Labor Hours	.062798	.043702	.058689	.057821	.041955	.040626	.044830	.042468	
Material Cost	1.056714	.691675	.617456	.545705	.584100	.527516	.788844	.617597	
Equipment Hours	.049352	.038890	.048463	.046580	.039144	.037294	.040273	.038682	
Years	65	66	67	68	69	70	71	72	
Labor Hours	.053583	.037332	.046128	.040509	.044185	.050499	.039981	.045313	
Material Cost	.800322	.524256	.594800	.568932	.609528	.792760	.601428	.671031	
Equipment Hours	.046693	.034324	.039708	.036996	.040604	.040807	.036516	.040580	
Years	73	74	75	76	77	78	79	80	
Labor Hours	.057856	.042519	.054511	.051404	.049763	.043311	.047177	.061778	
Material Cost	.876954	.607801	.854398	.579165	.652227	.552857	.659227	.649011	
Equipment Hours	.049831	.037549	.047137	.045844	.044896	.039159	.040082	.048463	

UPH OFFICERS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001191	.001782	.002021	.001912	.001772	.002012	.001891	.001784
Material Cost	.004470	.012630	.012995	.012116	.012525	.012713	.011797	.011797
Equipment Hours	.000595	.000891	.001011	.000956	.000886	.001006	.000945	.000892
Years	9	10	11	12	13	14	15	16
Labor Hours	.002088	.001960	.001811	.002149	.004127	.003402	.004464	.002580
Material Cost	.012301	.012611	.012260	.017078	.071773	.052319	.074766	.029528
Equipment Hours	.001044	.000980	.000905	.001075	.002064	.001701	.002232	.001290
Years	17	18	19	20	21	22	23	24
Labor Hours	.002007	.003668	.003084	.003803	.003495	.002062	.002066	.002030
Material Cost	.013446	.033530	.026374	.035886	.032369	.013335	.014414	.014122
Equipment Hours	.001003	.001834	.001542	.001902	.001748	.001031	.001033	.001015
Years	25	26	27	28	29	30	31	32
Labor Hours	.002430	.003715	.006495	.005432	.003838	.003714	.001890	.002056
Material Cost	.017204	.036225	.071979	.058536	.038538	.036428	.012356	.014279
Equipment Hours	.001215	.001858	.003247	.002716	.001919	.001857	.000945	.001028
Years	33	34	35	36	37	38	39	40
Labor Hours	.002027	.002034	.002377	.003684	.002311	.002671	.003391	.004584
Material Cost	.012984	.013114	.018419	.042298	.019422	.024271	.048762	.067288
Equipment Hours	.001014	.001017	.001189	.001842	.001156	.001336	.001696	.002292
Years	41	42	43	44	45	46	47	48
Labor Hours	.004590	.004033	.003087	.003076	.002183	.002239	.002243	.001952
Material Cost	.077705	.055726	.039111	.038372	.016631	.013921	.014618	.014015
Equipment Hours	.002295	.002017	.001544	.001538	.001092	.001120	.001121	.000976
Years	49	50	51	52	53	54	55	56
Labor Hours	.002088	.001939	.002249	.003817	.004034	.004035	.004698	.004985
Material Cost	.012793	.012278	.017578	.036223	.040348	.041216	.047392	.051423
Equipment Hours	.001044	.000970	.001125	.001909	.002017	.002018	.002349	.002493
Years	57	58	59	60	61	62	63	64
Labor Hours	.004700	.004760	.002473	.001835	.002092	.003189	.001902	.002050
Material Cost	.049710	.050640	.019023	.012116	.014682	.028822	.012254	.014132
Equipment Hours	.002350	.002380	.001237	.000918	.001046	.001595	.000951	.001025
Years	65	66	67	68	69	70	71	72
Labor Hours	.003024	.002978	.002722	.002200	.003156	.002577	.002982	.003161
Material Cost	.040226	.040558	.025733	.017258	.043701	.029901	.038667	.037601
Equipment Hours	.001512	.001489	.001361	.001100	.001578	.001289	.001491	.001580
Years	73	74	75	76	77	78	79	80
Labor Hours	.003922	.002447	.002950	.002434	.004202	.004262	.003922	.004261
Material Cost	.047867	.020518	.025713	.020462	.046840	.042686	.039705	.043763
Equipment Hours	.001961	.001223	.001475	.001217	.002101	.002131	.001961	.002130

UPH OFFICERS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0400000 Exterior Closure	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000326	.000527	.000761	.003126	.003198	.003440	.003825	.006956
Material Cost	.001427	.002245	.002206	.005860	.010454	.010977	.012100	.019154
Equipment Hours	.000326	.000527	.000761	.003126	.003198	.003440	.003825	.006956
Years	9	10	11	12	13	14	15	16
Labor Hours	.005328	.005751	.004922	.002975	.002634	.003759	.007281	.006450
Material Cost	.012311	.015690	.025416	.022680	.024223	.018807	.017854	.023465
Equipment Hours	.005328	.005751	.004922	.002975	.002634	.003759	.007281	.006450
Years	17	18	19	20	21	22	23	24
Labor Hours	.004579	.005855	.006149	.005450	.004153	.010393	.008635	.006108
Material Cost	.020235	.021218	.019973	.018400	.012476	.023822	.026225	.023321
Equipment Hours	.004579	.005855	.006149	.005450	.004153	.010393	.008635	.006108
Years	25	26	27	28	29	30	31	32
Labor Hours	.006474	.011825	.005091	.004869	.004030	.006448	.003788	.005383
Material Cost	.024668	.019012	.018260	.018005	.018431	.021316	.013933	.021900
Equipment Hours	.006474	.011825	.005091	.004869	.004030	.006448	.003788	.005383
Years	33	34	35	36	37	38	39	40
Labor Hours	.005258	.005266	.004300	.004771	.004906	.007017	.004802	.004755
Material Cost	.026691	.027611	.021759	.020728	.016053	.023505	.020482	.021623
Equipment Hours	.005258	.005266	.004300	.004771	.004906	.007017	.004802	.004755
Years	41	42	43	44	45	46	47	48
Labor Hours	.006033	.005081	.005642	.004741	.011346	.004565	.005041	.008430
Material Cost	.020470	.020647	.023285	.026245	.033316	.023905	.019050	.023463
Equipment Hours	.006033	.004948	.005642	.004741	.011213	.004565	.005041	.008430
Years	49	50	51	52	53	54	55	56
Labor Hours	.004419	.009377	.005913	.008187	.004999	.002973	.007662	.006268
Material Cost	.018204	.018364	.019225	.019790	.021495	.023296	.034262	.033675
Equipment Hours	.004419	.009377	.005913	.008187	.004999	.002973	.007662	.006268
Years	57	58	59	60	61	62	63	64
Labor Hours	.007656	.004563	.006624	.006303	.004471	.007708	.004979	.007377
Material Cost	.038400	.021130	.023378	.024969	.023544	.060462	.067781	.067164
Equipment Hours	.007656	.004563	.006624	.006303	.004471	.007708	.004979	.007377
Years	65	66	67	68	69	70	71	72
Labor Hours	.007587	.005874	.009447	.006265	.010489	.008011	.008187	.007907
Material Cost	.073926	.074486	.098413	.102658	.094062	.092247	.113756	.115413
Equipment Hours	.007587	.005874	.009447	.006265	.010485	.008011	.008175	.007896
Years	73	74	75	76	77	78	79	80
Labor Hours	.012387	.009869	.008936	.008169	.009547	.007220	.008078	.007716
Material Cost	.119740	.121008	.126991	.122381	.119378	.119651	.119412	.107825
Equipment Hours	.012376	.009853	.008851	.008157	.009539	.007200	.007933	.007704

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UM = Unit of Measure ID
TD = Trade ID

UPH OFFICERS

Resources Per Square Foot

Task	Description	1	2	3	4	5	6	7	8
0500000	Interior Construction	UM TD	2 1						
Years									
Labor Hours	.000005	.000009	.000122	.003058	.003648	.000914	.001337	.004370	
Material Cost	.000267	.000532	.001008	.018513	.072259	.062949	.065101	.082619	
Equipment Hours	.000005	.000009	.000122	.003058	.003648	.000914	.001337	.004370	
Years									
Labor Hours	.004072	.001505	.001924	.004337	.004297	.001986	.002420	.005723	
Material Cost	.113769	.106581	.110952	.115903	.115824	.110412	.109825	.112321	
Equipment Hours	.004072	.001505	.001924	.004337	.004270	.001880	.002393	.004975	
Years									
Labor Hours	.004013	.001627	.001896	.004027	.006416	.002839	.002771	.004630	
Material Cost	.083562	.075797	.079603	.115323	.155942	.115526	.125827	.124728	
Equipment Hours	.003986	.001522	.001707	.004000	.005668	.002800	.002618	.004579	
Years									
Labor Hours	.005748	.003500	.002870	.006151	.009760	.003052	.003659	.005023	
Material Cost	.162677	.154090	.118335	.134666	.145976	.113868	.165120	.182436	
Equipment Hours	.005619	.003370	.002749	.005881	.007735	.002923	.003441	.004573	
Years									
Labor Hours	.003612	.005615	.005165	.005093	.014629	.004414	.005749	.003214	
Material Cost	.136459	.164013	.180904	.191634	.192186	.137942	.167940	.134429	
Equipment Hours	.003385	.004667	.004946	.004663	.009144	.004168	.004810	.002842	
Years									
Labor Hours	.002231	.003581	.003906	.006940	.003744	.004416	.004142	.003566	
Material Cost	.098745	.097290	.097466	.104109	.111370	.112357	.106909	.106174	
Equipment Hours	.002008	.003464	.003788	.004786	.003627	.004298	.004024	.003304	
Years									
Labor Hours	.004007	.005086	.009781	.009345	.002769	.003339	.004335	.003738	
Material Cost	.139820	.148184	.127293	.152571	.113130	.115761	.153722	.123993	
Equipment Hours	.003859	.004812	.006585	.006139	.002695	.003186	.004040	.003410	
Years									
Labor Hours	.005133	.004199	.014479	.003852	.003595	.002861	.002509	.005039	
Material Cost	.154940	.116821	.142417	.155004	.145158	.144686	.105401	.112421	
Equipment Hours	.004263	.004047	.009130	.003571	.003520	.002779	.002426	.004812	
Years									
Labor Hours	.005463	.003053	.006152	.005274	.005775	.004491	.003257	.005668	
Material Cost	.151775	.145130	.120662	.130956	.135646	.150502	.144316	.155475	
Equipment Hours	.005389	.002971	.004156	.004941	.005673	.003661	.003113	.005444	
Years									
Labor Hours	.005778	.002700	.004203	.005724	.006127	.003513	.006080	.004161	
Material Cost	.155676	.134933	.168989	.148696	.159833	.114076	.112542	.116448	
Equipment Hours	.005491	.002537	.003337	.005575	.005853	.003204	.004028	.003996	

UPH OFFICERS

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0600000 Interior Finishes										
Years	1									
Labor Hours	.002063	.004269	.004331	.004339	.004357	.004331	.004394	.004394	.004394	.005996
Material Cost	.008351	.017519	.017784	.018291	.019511	.017784	.017847	.017847	.017847	.068818
Equipment Hours	.002063	.004269	.004331	.004339	.004357	.004331	.004394	.004394	.004394	.005219
Years	9									
Labor Hours	.009844	.005532	.007252	.004711	.008177	.007389	.005364	.005364	.005364	.016715
Material Cost	.194463	.023193	.025761	.018704	.043395	.073968	.043416	.043416	.043416	.329538
Equipment Hours	.007195	.005532	.007252	.004711	.007967	.006737	.005038	.005038	.005038	.012594
Years	17									
Labor Hours	.012298	.009113	.008843	.004988	.017660	.005354	.010542	.010542	.010542	.006813
Material Cost	.208575	.076043	.161959	.036347	.287968	.034765	.084807	.084807	.084807	.084869
Equipment Hours	.009438	.008436	.006930	.006777	.014316	.005144	.009775	.009775	.009775	.005970
Years	25									
Labor Hours	.011218	.009337	.005814	.004086	.004687	.005715	.009844	.009844	.009844	.008254
Material Cost	.191824	.040177	.022794	.025600	.020580	.025193	.053869	.053869	.053869	.119545
Equipment Hours	.008569	.009309	.005814	.006086	.004687	.005691	.009633	.009633	.009633	.006825
Years	33									
Labor Hours	.010187	.013102	.004988	.008344	.013628	.011573	.013425	.013425	.013425	.008570
Material Cost	.208590	.290988	.034901	.080779	.151619	.089236	.283564	.283564	.283564	.086616
Equipment Hours	.007327	.009642	.004777	.007667	.011133	.010771	.010080	.010080	.010080	.007583
Years	41									
Labor Hours	.013683	.007595	.008189	.004755	.004136	.009032	.006760	.006760	.006760	.007893
Material Cost	.252755	.035259	.025732	.019130	.024244	.028884	.020281	.020281	.020281	.080134
Equipment Hours	.010267	.007530	.008164	.004755	.004136	.009032	.006758	.006758	.006758	.007091
Years	49									
Labor Hours	.010988	.006797	.011652	.012729	.005521	.005791	.007641	.007641	.007641	.008485
Material Cost	.223483	.069483	.061959	.296522	.037736	.068509	.122783	.122783	.122783	.131680
Equipment Hours	.008062	.006144	.011223	.009253	.005236	.005138	.006213	.006213	.006213	.006906
Years	57									
Labor Hours	.018114	.008775	.013772	.004949	.011309	.008091	.012929	.012929	.012929	.004803
Material Cost	.451860	.038059	.116550	.021101	.046756	.021488	.044785	.044785	.044785	.073701
Equipment Hours	.012044	.008565	.011833	.006949	.011266	.008016	.012264	.012264	.012264	.006027
Years	65									
Labor Hours	.010770	.005101	.005916	.006073	.004971	.012442	.007993	.007993	.007993	.009322
Material Cost	.192494	.019213	.050397	.084982	.036072	.286907	.076078	.076078	.076078	.125160
Equipment Hours	.008121	.005027	.005639	.005360	.004760	.008982	.007527	.007527	.007527	.007893
Years	73									
Labor Hours	.013334	.006520	.015688	.009550	.008726	.008326	.005443	.005443	.005443	.008595
Material Cost	.305759	.091319	.291398	.040590	.081743	.026610	.018766	.018766	.018766	.077715
Equipment Hours	.009295	.005672	.012269	.009040	.007959	.008044	.005443	.005443	.005443	.007640

UPH OFFICERS

Resources Per Square Foot

Task Description	UM	TD	2	3	4	5	6	7	8
0800000 Plumbing									
Years	1	2	3	4	5	6	7	8	
Labor Hours	.000299	.002219	.004807	.005068	.007497	.005904	.004155	.007078	
Material Cost	.000054	.001584	.003739	.002032	.018632	.005077	.020522	.050231	
Equipment Hours	.000299	.002217	.004714	.005065	.007405	.005902	.004062	.007076	
Years	9	10	11	12	13	14	15	16	
Labor Hours	.007926	.007211	.007429	.007342	.007112	.004233	.008462	.009129	
Material Cost	.103606	.084889	.080991	.092586	.031267	.023092	.042604	.057297	
Equipment Hours	.007819	.007201	.007297	.007174	.006899	.004083	.008314	.009113	
Years	17	18	19	20	21	22	23	24	
Labor Hours	.006979	.005843	.006106	.007750	.009552	.006214	.005930	.007926	
Material Cost	.047809	.063412	.088548	.095526	.110607	.090870	.060507	.073622	
Equipment Hours	.006829	.005689	.005978	.007696	.009505	.006076	.005701	.007089	
Years	25	26	27	28	29	30	31	32	
Labor Hours	.010290	.007163	.005751	.007761	.008624	.014548	.009213	.009361	
Material Cost	.054502	.035537	.064948	.082237	.136334	.160553	.143462	.158356	
Equipment Hours	.010101	.006634	.004816	.007255	.008009	.011038	.008549	.008756	
Years	33	34	35	36	37	38	39	40	
Labor Hours	.009202	.004353	.007100	.005483	.006074	.006774	.007352	.007321	
Material Cost	.094670	.078321	.073343	.079604	.078415	.104687	.116917	.108873	
Equipment Hours	.008346	.003763	.006435	.004678	.004974	.005974	.006555	.006586	
Years	41	42	43	44	45	46	47	48	
Labor Hours	.008891	.010294	.007973	.008329	.009481	.007377	.004422	.008143	
Material Cost	.121687	.142075	.109903	.128685	.079881	.061492	.090509	.073318	
Equipment Hours	.007255	.007980	.007088	.007413	.009218	.007214	.006193	.007710	
Years	49	50	51	52	53	54	55	56	
Labor Hours	.008010	.012798	.008707	.006852	.006643	.006381	.010008	.009506	
Material Cost	.092619	.099504	.070294	.056989	.029409	.058530	.091582	.088714	
Equipment Hours	.007188	.009763	.008147	.006735	.006233	.005552	.009688	.009502	
Years	57	58	59	60	61	62	63	64	
Labor Hours	.006907	.005905	.006622	.024779	.006697	.007440	.008045	.009020	
Material Cost	.075369	.066732	.066800	.087487	.061604	.102419	.108026	.138400	
Equipment Hours	.006596	.005773	.006370	.015837	.006491	.006696	.007347	.008236	
Years	65	66	67	68	69	70	71	72	
Labor Hours	.011303	.008792	.009925	.008154	.005884	.011202	.004930	.006320	
Material Cost	.123948	.105247	.129966	.087166	.085588	.109282	.098580	.101035	
Equipment Hours	.010669	.008186	.007981	.007548	.005275	.007788	.004208	.005643	
Years	73	74	75	76	77	78	79	80	
Labor Hours	.008255	.008951	.009744	.012730	.007226	.007615	.010705	.024474	
Material Cost	.088101	.116017	.088980	.092243	.080467	.111314	.166376	.132175	
Equipment Hours	.007263	.006859	.009005	.009768	.006173	.006917	.008803	.015300	

UPH OFFICERS		Resources Per Square Foot									
Task	Description	1	2	3	4	5	6	7	8		
0900000 HVAC											
Years											
Labor Hours	.002238	.005454	.005732	.006011	.006886	.006040	.006041	.006041	.006226		
Material Cost	.006749	.008944	.009254	.012532	.020486	.015969	.016324	.016324	.018191		
Equipment Hours	.002238	.005206	.005484	.007473	.006629	.005781	.005791	.005791	.005955		
Years											
Labor Hours	.007080	.006560	.007372	.007888	.008332	.007488	.007488	.007488	.008234		
Material Cost	.023330	.034225	.079662	.095497	.082004	.077457	.077457	.077457	.086288		
Equipment Hours	.006819	.006127	.006861	.007172	.007900	.006814	.007013	.007013	.007597		
Years											
Labor Hours	.008760	.007485	.007585	.007487	.008636	.007474	.007629	.007629	.008016		
Material Cost	.107223	.102805	.096664	.103453	.133748	.130026	.143418	.143418	.149771		
Equipment Hours	.008070	.006798	.006877	.006781	.007858	.006727	.006835	.006835	.006942		
Years											
Labor Hours	.008712	.008018	.007227	.007916	.009518	.008170	.008373	.008373	.008271		
Material Cost	.187643	.151066	.103339	.151094	.174288	.189176	.151422	.151422	.106079		
Equipment Hours	.007656	.006862	.006478	.006873	.008168	.006951	.007199	.007199	.007513		
Years											
Labor Hours	.009407	.007654	.007542	.008112	.008708	.012118	.007408	.007408	.007880		
Material Cost	.177585	.117206	.108261	.155414	.133830	.122634	.122634	.122634	.104040		
Equipment Hours	.008070	.006854	.006825	.007261	.007917	.008994	.006610	.006610	.007093		
Years											
Labor Hours	.008527	.007710	.007240	.007443	.008279	.007043	.007400	.007400	.007769		
Material Cost	.095779	.117025	.111378	.086318	.091870	.071032	.074845	.074845	.075804		
Equipment Hours	.007841	.006720	.006495	.006726	.007585	.006328	.006705	.006705	.007053		
Years											
Labor Hours	.008749	.008082	.008149	.007865	.009108	.008323	.008442	.008442	.008236		
Material Cost	.141739	.104701	.161002	.116963	.147807	.178944	.124588	.124588	.175289		
Equipment Hours	.007962	.007363	.007029	.007074	.008084	.007182	.007531	.007531	.007208		
Years											
Labor Hours	.014122	.007874	.008621	.007897	.008591	.007185	.007345	.007345	.007675		
Material Cost	.201022	.153347	.174839	.133030	.160190	.112764	.143712	.143712	.148967		
Equipment Hours	.010411	.006860	.007267	.007042	.007557	.006426	.006479	.006479	.006827		
Years											
Labor Hours	.010810	.007417	.007084	.008262	.009097	.007517	.007466	.007466	.007859		
Material Cost	.138490	.103844	.126675	.110056	.172054	.087623	.075038	.075038	.078049		
Equipment Hours	.008964	.006675	.006852	.007508	.008028	.006826	.006844	.006844	.007108		
Years											
Labor Hours	.008763	.007004	.007925	.007755	.008513	.007330	.007622	.007622	.007671		
Material Cost	.101838	.068209	.099209	.100760	.088498	.085279	.139003	.139003	.119851		
Equipment Hours	.008038	.006384	.007141	.007049	.007910	.006623	.006594	.006594	.006796		

UPH OFFICERS

Resources Per Square Foot

Task Description	UM	TD								
1100000 Interior Electrical	2	2								
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000423	.001332	.001674	.001650	.001853	.002246	.002468	.002302		
Material Cost	.000000	.001011	.001386	.003554	.003723	.008081	.008173	.009503		
Equipment Hours	.000423	.001332	.001674	.001650	.001853	.002246	.002468	.002302		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.003006	.002659	.003467	.003239	.003568	.003457	.003651	.003562		
Material Cost	.016980	.014182	.029075	.027600	.028055	.030413	.029620	.028905		
Equipment Hours	.003006	.002659	.003467	.003239	.003568	.003457	.003651	.003562		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.003868	.003521	.003851	.003384	.003909	.003842	.004057	.004076		
Material Cost	.032700	.027516	.031531	.026252	.026829	.026873	.026258	.028480		
Equipment Hours	.003863	.003517	.003847	.003379	.003905	.003819	.004053	.004072		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.004264	.003884	.004179	.005631	.003855	.004023	.004492	.004497		
Material Cost	.028212	.048179	.060136	.224256	.049469	.090481	.129031	.136147		
Equipment Hours	.004260	.003714	.004098	.004706	.003777	.003778	.004085	.004050		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.005760	.003706	.003962	.004520	.004723	.004564	.004899	.004699		
Material Cost	.231301	.060671	.078208	.042547	.039439	.039816	.043697	.040218		
Equipment Hours	.004837	.003582	.003789	.004515	.004719	.004557	.004892	.004691		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.004285	.004116	.004272	.004074	.004425	.003185	.003360	.002958		
Material Cost	.030302	.031612	.029031	.038912	.030184	.031848	.033344	.031756		
Equipment Hours	.004271	.004108	.004265	.004063	.004418	.003175	.003332	.002951		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.003244	.002980	.004256	.003914	.004201	.004100	.004311	.005159		
Material Cost	.039692	.031772	.043346	.043694	.042742	.042417	.039575	.080553		
Equipment Hours	.003236	.002971	.004252	.003894	.004195	.004096	.004307	.004989		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.005240	.004679	.005176	.005272	.004596	.003572	.004545	.003933		
Material Cost	.070623	.230293	.059406	.097708	.118136	.042845	.294099	.049222		
Equipment Hours	.005160	.005757	.005080	.005025	.004187	.003494	.005249	.003805		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.004051	.003374	.003537	.003516	.004060	.003500	.004248	.004158		
Material Cost	.066600	.032121	.029790	.032948	.038797	.033381	.041637	.043572		
Equipment Hours	.003876	.003359	.003528	.003508	.004051	.003493	.004239	.004098		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.004465	.004104	.004131	.004203	.004562	.004207	.004512	.004076		
Material Cost	.043172	.040964	.038812	.039188	.044842	.039406	.049136	.037461		
Equipment Hours	.004457	.004097	.004123	.004198	.004541	.004202	.004506	.004071		

UPH OFFICERS

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	2	2	2	2	2	2	2	2
Years	1	2	3	4	5	6	7	8
Labor Hours	.000023	.000386	.000386	.000386	.000386	.000640	.000642	.000649
Material Cost	.000000	.000000	.000033	.000114	.000167	.000874	.000795	.000833
Equipment Hours	.000023	.000386	.000386	.000386	.000386	.000640	.000642	.000649
Years	9	10	11	12	13	14	15	16
Labor Hours	.000648	.000644	.000823	.000826	.000840	.000832	.000828	.000735
Material Cost	.000986	.000781	.013185	.014113	.014078	.014671	.013376	.014508
Equipment Hours	.000648	.000644	.000823	.000826	.000840	.000832	.000828	.000735
Years	17	18	19	20	21	22	23	24
Labor Hours	.000718	.000734	.000721	.000720	.000616	.000604	.000609	.000606
Material Cost	.013639	.013393	.013664	.012900	.003520	.003655	.002764	.003353
Equipment Hours	.000718	.000734	.000721	.000720	.000616	.000604	.000609	.000606
Years	25	26	27	28	29	30	31	32
Labor Hours	.000575	.000813	.000827	.000838	.000828	.000832	.000834	.000815
Material Cost	.002672	.012761	.014211	.013915	.014304	.013736	.014833	.014577
Equipment Hours	.000575	.000813	.000827	.000838	.000828	.000832	.000834	.000815
Years	33	34	35	36	37	38	39	40
Labor Hours	.000839	.000816	.000824	.000857	.000848	.000875	.000850	.000861
Material Cost	.013926	.014336	.013481	.004298	.004840	.003743	.004100	.003616
Equipment Hours	.000839	.000816	.000824	.000857	.000848	.000875	.000850	.000861
Years	41	42	43	44	45	46	47	48
Labor Hours	.000689	.000686	.000687	.000680	.000684	.000726	.000712	.000730
Material Cost	.012577	.014007	.013653	.014097	.013483	.014210	.014041	.013006
Equipment Hours	.000689	.000686	.000687	.000680	.000684	.000726	.000712	.000730
Years	49	50	51	52	53	54	55	56
Labor Hours	.000719	.000722	.000851	.000847	.000874	.000847	.000828	.000925
Material Cost	.013797	.013072	.004261	.004468	.003828	.004130	.003541	.013394
Equipment Hours	.000719	.000722	.000851	.000847	.000874	.000847	.000828	.000925
Years	57	58	59	60	61	62	63	64
Labor Hours	.000926	.000947	.000922	.000935	.000605	.000580	.000576	.000572
Material Cost	.014790	.014653	.014843	.014291	.014030	.013850	.012785	.013590
Equipment Hours	.000926	.000947	.000922	.000935	.000605	.000580	.000576	.000572
Years	65	66	67	68	69	70	71	72
Labor Hours	.000575	.000743	.000745	.000765	.000753	.000758	.000918	.000918
Material Cost	.012863	.003658	.004261	.002908	.003608	.002917	.013376	.014724
Equipment Hours	.000575	.000743	.000745	.000765	.000753	.000758	.000918	.000918
Years	73	74	75	76	77	78	79	80
Labor Hours	.000950	.000922	.000935	.000840	.000820	.000837	.000815	.000826
Material Cost	.014799	.014832	.014307	.000840	.014634	.013835	.014287	.013772
Equipment Hours	.000950	.000922	.000935	.000840	.000820	.000837	.000815	.000826

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UM = Unit of Measure ID
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COMMUNITY FIRE STATION

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary										
Years	1									
Labor Hours	.008772	.019191	.021121	.023520	.030237	.023963	.027087	.033654		
Material Cost	.016761	.049671	.050560	.071126	.101749	.080263	.143862	.154504		
Equipment Hours	.007639	.017300	.019121	.021319	.027609	.021885	.025036	.031675		
Years	9									
Labor Hours	.036885	.030468	.032348	.028277	.031484	.034337	.041634	.048943		
Material Cost	.352484	.191609	.373996	.231925	.274104	.400379	.425307	.250046		
Equipment Hours	.031667	.028046	.029851	.026000	.028031	.029102	.034928	.043962		
Years	17									
Labor Hours	.041459	.027734	.049536	.031710	.061866	.027803	.039234	.037364		
Material Cost	.413269	.238269	.522547	.371121	.566105	.198690	.324419	.245457		
Equipment Hours	.035257	.024168	.039610	.027452	.053429	.025641	.036255	.034528		
Years	25									
Labor Hours	.043707	.051810	.037559	.028656	.063520	.043754	.064322	.033510		
Material Cost	.427141	.5.283865	.460400	.239096	.950233	.823541	1.007725	.533654		
Equipment Hours	.037206	.041691	.030002	.026171	.045039	.033514	.053970	.029838		
Years	33									
Labor Hours	.041942	.032557	.032478	.027350	.042794	.050955	.031264	.033411		
Material Cost	.532323	.269643	.375146	.251278	.516826	.583983	.335344	.402951		
Equipment Hours	.036440	.029418	.026907	.024787	.036568	.041958	.026738	.028454		
Years	41									
Labor Hours	.076045	.038155	.037534	.037630	.039382	.043849	.035245	.036363		
Material Cost	.841888	.390632	.374455	.330996	.269055	.275899	.240115	.293142		
Equipment Hours	.061880	.032211	.032160	.033900	.036039	.038125	.032455	.033373		
Years	49									
Labor Hours	.040195	.029923	.079590	.042587	.041101	.029391	.035479	.039262		
Material Cost	.446164	.328683	5.531803	.323078	.495328	.283588	.410911	.391261		
Equipment Hours	.034913	.026348	.058392	.040103	.032969	.026652	.030845	.034167		
Years	57									
Labor Hours	.083882	.032227	.046272	.033795	.082007	.033739	.032044	.029020		
Material Cost	1.219202	.307270	.894948	.290507	1.100931	.333059	.397441	.278462		
Equipment Hours	.056690	.028143	.034499	.031272	.071650	.029651	.028447	.026024		
Years	65									
Labor Hours	.045233	.034664	.038206	.030832	.035658	.033551	.044152	.035238		
Material Cost	.531084	.400070	.269586	.361972	.278314	.389705	.618322	.362614		
Equipment Hours	.039386	.029878	.034880	.027424	.030903	.030811	.037508	.031187		
Years	73									
Labor Hours	.053021	.043051	.055541	.110331	.039831	.044013	.045451	.031468		
Material Cost	.781812	.479538	.697645	5.594956	.396961	.400967	.505940	.285433		
Equipment Hours	.043300	.036943	.042476	.073223	.035863	.034091	.036622	.028569		

COMMUNITY FIRE STATION

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
030000 Roofing								
Years								
Labor Hours	.002267	.003784	.004000	.004169	.004013	.004124	.004019	.003777
Material Cost	.013547	.027641	.026049	.026641	.030820	.027529	.026049	.026049
Equipment Hours	.001134	.001892	.002000	.002085	.002007	.002062	.002010	.001888
Years								
Labor Hours	.004173	.004355	.003735	.004000	.003874	.003878	.003933	.004250
Material Cost	.026834	.030035	.027529	.026049	.026049	.026667	.0214875	.028336
Equipment Hours	.002087	.002178	.001868	.002000	.001937	.004289	.005967	.002125
Years								
Labor Hours	.004351	.006261	.014329	.006642	.009203	.003892	.004198	.004799
Material Cost	.028769	.059015	.155632	.060583	.092763	.026049	.028425	.037679
Equipment Hours	.002176	.003131	.007165	.003321	.004602	.001947	.002099	.002400
Years								
Labor Hours	.004665	.003981	.013488	.004224	.024803	.008880	.003756	.004181
Material Cost	.028425	.028769	.152729	.027055	.208634	.092965	.026744	.027618
Equipment Hours	.002333	.001990	.006744	.002112	.012401	.004440	.001878	.002091
Years								
Labor Hours	.004379	.004506	.007573	.004128	.007527	.013275	.007140	.008360
Material Cost	.031406	.033141	.081420	.026897	.085185	.178398	.081420	.149507
Equipment Hours	.002190	.002253	.003787	.002064	.003764	.006638	.003570	.004180
Years								
Labor Hours	.007529	.006719	.009256	.006600	.004502	.004227	.004374	.004137
Material Cost	.080523	.074486	.149241	.092468	.030819	.028218	.032025	.029535
Equipment Hours	.003765	.003360	.004628	.003300	.002251	.002114	.002187	.002068
Years								
Labor Hours	.004849	.003629	.003784	.004162	.013828	.004607	.004074	.004829
Material Cost	.031951	.023120	.026049	.030035	.154297	.033694	.027641	.061149
Equipment Hours	.002425	.001815	.001892	.002082	.006914	.002304	.002037	.003415
Years								
Labor Hours	.033923	.006366	.011326	.003954	.004212	.004319	.004076	.004420
Material Cost	.327840	.058902	.125146	.026049	.029739	.056807	.027641	.030353
Equipment Hours	.016962	.003183	.005663	.001977	.002106	.003160	.002038	.002210
Years								
Labor Hours	.004202	.008819	.004139	.004018	.004543	.003960	.008995	.007242
Material Cost	.029762	.151525	.029210	.026744	.030982	.028955	.144246	.080523
Equipment Hours	.002101	.004410	.002070	.002009	.002272	.001980	.004498	.003622
Years								
Labor Hours	.006419	.008258	.013592	.007260	.004889	.007322	.013277	.004386
Material Cost	.093275	.089593	.180042	.082549	.012646	.079828	.149888	.032571
Equipment Hours	.003210	.004130	.006796	.003630	.002445	.003661	.006639	.002193

COMMUNITY FIRE STATION

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
040000 Exterior Closure	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000190	.000293	.000393	.001573	.004717	.001386	.003617	.009868
Material Cost	.000772	.001223	.001580	.006162	.021587	.012151	.038340	.048235
Equipment Hours	.000190	.000293	.000393	.001573	.004717	.001386	.003617	.009868
Years	9	10	11	12	13	14	15	16
Labor Hours	.003908	.006688	.004014	.003219	.001595	.004098	.007984	.008212
Material Cost	.036433	.036124	.045569	.034233	.028601	.032268	.049432	.038191
Equipment Hours	.003908	.006688	.004014	.003219	.001493	.003996	.007780	.008110
Years	17	18	19	20	21	22	23	24
Labor Hours	.006383	.001589	.009192	.002250	.002110	.003392	.013299	.010119
Material Cost	.046778	.026236	.040719	.028263	.023103	.031404	.066795	.044928
Equipment Hours	.006231	.001487	.009090	.002250	.002110	.003392	.013299	.010119
Years	25	26	27	28	29	30	31	32
Labor Hours	.006751	.009838	.001817	.002302	.005206	.007130	.007794	.003989
Material Cost	.034012	.039020	.025987	.029917	.041225	.089610	.059647	.044697
Equipment Hours	.006751	.009838	.001817	.002251	.005104	.006773	.007590	.003836
Years	33	34	35	36	37	38	39	40
Labor Hours	.007974	.006848	.001706	.001491	.006500	.013214	.001445	.003728
Material Cost	.059306	.046961	.030647	.035090	.047579	.061447	.033587	.034181
Equipment Hours	.007669	.006797	.001553	.001338	.006449	.013214	.001445	.003728
Years	41	42	43	44	45	46	47	48
Labor Hours	.006142	.002938	.005509	.008051	.010659	.004144	.009068	.009710
Material Cost	.046506	.056916	.047831	.075446	.066460	.060839	.072700	.061425
Equipment Hours	.006142	.002275	.005458	.007949	.010506	.004042	.008915	.009558
Years	49	50	51	52	53	54	55	56
Labor Hours	.005602	.002756	.008573	.014404	.001870	.003458	.003956	.007439
Material Cost	.049762	.061514	.040491	.070340	.033081	.036431	.048265	.055688
Equipment Hours	.005602	.002705	.008573	.014404	.001870	.003458	.003956	.007439
Years	57	58	59	60	61	62	63	64
Labor Hours	.006509	.003849	.003898	.008257	.007185	.002359	.003984	.001928
Material Cost	.041173	.023867	.037082	.060912	.049275	.046143	.046790	.035485
Equipment Hours	.006509	.003798	.003796	.008105	.007083	.002104	.003780	.001877
Years	65	66	67	68	69	70	71	72
Labor Hours	.010440	.004412	.011700	.003448	.004336	.008909	.007788	.005290
Material Cost	.055169	.054731	.101245	.094090	.074563	.087451	.088720	.066719
Equipment Hours	.010237	.004361	.011599	.003193	.004336	.008858	.007788	.005290
Years	73	74	75	76	77	78	79	80
Labor Hours	.006534	.011932	.017589	.008328	.006897	.005016	.005016	.005713
Material Cost	.074749	.097758	.288246	.074655	.074939	.070845	.065228	.079983
Equipment Hours	.006483	.011764	.013235	.008227	.006795	.002422	.004965	.005596

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COMMUNITY FIRE STATION

Resources Per Square Foot

Task Description	UM ID								
0500000 Interior Construction	2 1								
Years	1	2	3	4	5	6	7	8	
Labor Hours	.000004	.000006	.000035	.000757	.000677	.000031	.000064	.001124	
Material Cost	.000035	.000047	.000171	.002497	.002310	.000197	.000296	.001875	
Equipment Hours	.000004	.000006	.000035	.000757	.000677	.000031	.000064	.001124	
Years	9	10	11	12	13	14	15	16	
Labor Hours	.000083	.000291	.000373	.001068	.000893	.000306	.000614	.001123	
Material Cost	.021332	.022911	.019712	.026107	.023178	.019424	.019476	.007175	
Equipment Hours	.000683	.000291	.000373	.001068	.000893	.000306	.000614	.001123	
Years	17	18	19	20	21	22	23	24	
Labor Hours	.000657	.000169	.000398	.000925	.001148	.000639	.000357	.000848	
Material Cost	.004048	.006180	.009171	.023196	.023472	.021395	.023271	.017419	
Equipment Hours	.000657	.000169	.000283	.000925	.001148	.000639	.000357	.000848	
Years	25	26	27	28	29	30	31	32	
Labor Hours	.000947	.000349	.000202	.000712	.001279	.000284	.000952	.001460	
Material Cost	.021407	.016476	.010737	.006077	.016706	.012578	.034456	.045678	
Equipment Hours	.000947	.000349	.000202	.000712	.001279	.000284	.000952	.001460	
Years	33	34	35	36	37	38	39	40	
Labor Hours	.001070	.000658	.000783	.001487	.001070	.000751	.000352	.000420	
Material Cost	.029319	.035309	.036968	.034894	.028180	.026662	.016593	.013248	
Equipment Hours	.001070	.000658	.000717	.001487	.001050	.000656	.000352	.000420	
Years	41	42	43	44	45	46	47	48	
Labor Hours	.000849	.000222	.000727	.000979	.001123	.000644	.000451	.000963	
Material Cost	.021486	.008107	.017982	.016723	.025581	.014416	.018158	.016085	
Equipment Hours	.000849	.000222	.000727	.000979	.001057	.000644	.000451	.000963	
Years	49	50	51	52	53	54	55	56	
Labor Hours	.001120	.000791	.015233	.000922	.000828	.000428	.000485	.000841	
Material Cost	.033173	.030771	.036936	.022196	.018455	.024613	.023379	.009129	
Equipment Hours	.001120	.000791	.007781	.000922	.000828	.000428	.000465	.000746	
Years	57	58	59	60	61	62	63	64	
Labor Hours	.001132	.000305	.000228	.000838	.001160	.000397	.000292	.001175	
Material Cost	.018838	.009752	.008993	.020027	.024955	.020577	.018325	.021963	
Equipment Hours	.001132	.000305	.000228	.000838	.001160	.000397	.000292	.001175	
Years	65	66	67	68	69	70	71	72	
Labor Hours	.001160	.000819	.000177	.001025	.000901	.000185	.000863	.001360	
Material Cost	.031518	.025597	.010587	.019926	.013712	.006997	.030004	.038518	
Equipment Hours	.001160	.000819	.000177	.001025	.000901	.000185	.000863	.001360	
Years	73	74	75	76	77	78	79	80	
Labor Hours	.001182	.000845	.000822	.001262	.01211	.000554	.000507	.000500	
Material Cost	.030418	.039875	.042332	.033378	.013042	.013682	.019129	.017057	
Equipment Hours	.001162	.000749	.000690	.001262	.001211	.000554	.000507	.000500	

COMMUNITY FIRE STATION

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000543	.003566	.003566	.003566	.003591	.003566	.003973	.003566
Material Cost	.002346	.018160	.018160	.018160	.019776	.018160	.018501	.018160
Equipment Hours	.000543	.003566	.003566	.003566	.003591	.003566	.003973	.003566
Years	9	10	11	12	13	14	15	16
Labor Hours	.009474	.003723	.005989	.003924	.004140	.004985	.003566	.017370
Material Cost	.186400	.020437	.022676	.018351	.020588	.059428	.018160	.038861
Equipment Hours	.006997	.003723	.005989	.003924	.004140	.004454	.003566	.015099
Years	17	18	19	20	21	22	23	24
Labor Hours	.011271	.003924	.008221	.004628	.012180	.004986	.004628	.005058
Material Cost	.227016	.018351	.148317	.059237	.027768	.019218	.059237	.019377
Equipment Hours	.008263	.003924	.006532	.004097	.012180	.004986	.004097	.005058
Years	25	26	27	28	29	30	31	32
Labor Hours	.009784	.009772	.004535	.003723	.004526	.003566	.026107	.004628
Material Cost	.185971	.125595	.019712	.020437	.020507	.018160	.098195	.059237
Equipment Hours	.007307	.009348	.004535	.003723	.004526	.003566	.021595	.004097
Years	33	34	35	36	37	38	39	40
Labor Hours	.009388	.003903	.004628	.003566	.007782	.005234	.004481	.003566
Material Cost	.183354	.020418	.059237	.018160	.131993	.077647	.018837	.018160
Equipment Hours	.006911	.003903	.004097	.003566	.006345	.004471	.004481	.003566
Years	41	42	43	44	45	46	47	48
Labor Hours	.017273	.006510	.003973	.004766	.003625	.016759	.004911	.003974
Material Cost	.232897	.020462	.018501	.018871	.020598	.040673	.019164	.018351
Equipment Hours	.014266	.006510	.003973	.004766	.003625	.014488	.004911	.003924
Years	49	50	51	52	53	54	55	56
Labor Hours	.010361	.004628	.020999	.004639	.004652	.004216	.006915	.005091
Material Cost	.186510	.059237	.147506	.053438	.060853	.018857	.129857	.077177
Equipment Hours	.007884	.004097	.017118	.006338	.004122	.004216	.005478	.004329
Years	57	58	59	60	61	62	63	64
Labor Hours	.014492	.003566	.005827	.003566	.030807	.005887	.004101	.004565
Material Cost	.205275	.018160	.059948	.018160	.102432	.019520	.019643	.020956
Equipment Hours	.010053	.003566	.005296	.003566	.026296	.005887	.004101	.064565
Years	65	66	67	68	69	70	71	72
Labor Hours	.009368	.003576	.003973	.004630	.007589	.003566	.007185	.004218
Material Cost	.185420	.018172	.018501	.059240	.039079	.018160	.079444	.019281
Equipment Hours	.006891	.003576	.003973	.004099	.005626	.003566	.006540	.004218
Years	73	74	75	76	77	78	79	80
Labor Hours	.017403	.005669	.003709	.057076	.007208	.016616	.005392	.003635
Material Cost	.366763	.077716	.018631	.287130	.063691	.091329	.019560	.018324
Equipment Hours	.011995	.004906	.003709	.035033	.006677	.010969	.005392	.003635

COMMUNITY FIRE STATION

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0800000 Plumbing										
Years										
Labor Hours	000042	001351	002615	002901	005219	003184	002824	003761		
Material Cost	000040	000921	001847	004448	005639	003656	005639	024760		
Equipment Hours	000042	001351	002615	002876	004597	003184	002799	003761		
Years										
Labor Hours	005230	003317	004339	003158	005637	002402	003709	004518		
Material Cost	000434	040156	015096	038163	070329	014838	017665	022456		
Equipment Hours	004592	003276	004013	003080	004594	002340	003648	004393		
Years										
Labor Hours	004657	003097	003482	004216	020880	002710	003434	003336		
Material Cost	018403	028343	042472	051672	242251	042986	030548	014567		
Equipment Hours	004035	003090	003440	004069	019718	002669	003365	003275		
Years										
Labor Hours	004692	007857	003193	003896	004506	004578	005081	004050		
Material Cost	052138	474745	089153	031049	084495	048226	178931	056464		
Equipment Hours	005356	005495	002826	003793	004094	004024	004389	003959		
Years										
Labor Hours	004201	003198	004426	003320	003949	004474	003309	002897		
Material Cost	044436	021003	050946	023473	069674	069082	039795	058529		
Equipment Hours	004054	002612	003659	003198	003382	003635	002991	002703		
Years										
Labor Hours	028994	007754	003704	003547	005054	004971	003647	003793		
Material Cost	327894	087048	033387	015810	033331	021285	030015	035079		
Equipment Hours	021835	004306	003422	003547	004486	004172	003320	003725		
Years										
Labor Hours	004037	004603	008753	003305	004313	003068	005434	004493		
Material Cost	074522	063444	603855	039594	104236	022560	027326	021333		
Equipment Hours	003777	003901	006050	003244	004001	002938	004563	004493		
Years										
Labor Hours	003629	003266	004338	003648	017366	005700	004697	004011		
Material Cost	016013	028125	041833	038107	253609	074479	037606	057139		
Equipment Hours	003474	003240	003800	003577	016450	005427	004000	003714		
Years										
Labor Hours	005430	003771	004235	004414	003762	003008	004757	003300		
Material Cost	030084	033657	024625	052288	043162	063972	162884	046361		
Equipment Hours	004804	003647	003648	004237	003518	002719	003669	003158		
Years										
Labor Hours	004846	002821	005599	016364	003543	003781	006649	004192		
Material Cost	085300	031364	048204	495246	030773	041462	133181	049040		
Equipment Hours	004205	002598	004418	010090	003355	003464	004901	003686		

COMMUNITY FIRE STATION
 Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0900000 HVAC		2	9							
Years										
Labor Hours										
Material Cost										
Equipment Hours										
Years										
Labor Hours										
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Years										
Labor Hours										
Material Cost										
Equipment Hours										

COMMUNITY FIRE STATION

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years								
Labor Hours	.000283	.000893	.001200	.001263	.001334	.001809	.001997	.001776
Material Cost	.000000	.000283	.001699	.003201	.003388	.010039	.010600	.011018
Equipment Hours	.000283	.000893	.001200	.001263	.001334	.001809	.001997	.001776
Years								
Labor Hours	.002149	.002030	.003146	.002557	.003309	.002689	.002881	.002808
Material Cost	.012654	.012840	.052092	.037676	.027647	.038971	.032158	.037031
Equipment Hours	.002149	.002030	.003146	.002557	.003309	.002689	.002881	.002801
Years								
Labor Hours	.002598	.002465	.002677	.002385	.003026	.002578	.002857	.002793
Material Cost	.025990	.033024	.029641	.029272	.045780	.027908	.034909	.028391
Equipment Hours	.002598	.002459	.002677	.002385	.003026	.002558	.002857	.002786
Years								
Labor Hours	.003312	.002635	.003225	.002848	.003033	.002783	.009314	.004621
Material Cost	.026624	.027897	.050249	.038582	.050587	.045571	.534294	.219356
Equipment Hours	.003312	.002635	.003140	.002842	.002954	.002783	.006943	.004134
Years								
Labor Hours	.003079	.003188	.002851	.003307	.003383	.003283	.003318	.003508
Material Cost	.043455	.078208	.041488	.053486	.047473	.047463	.041729	.051211
Equipment Hours	.003079	.003109	.002851	.003307	.003383	.003277	.003312	.003508
Years								
Labor Hours	.003721	.002878	.003461	.002595	.003017	.002467	.002567	.002447
Material Cost	.064987	.034702	.028205	.026335	.029054	.034573	.031973	.042420
Equipment Hours	.003694	.002878	.003461	.002588	.003017	.002467	.002541	.002441
Years								
Labor Hours	.002521	.002352	.004780	.003224	.003805	.003084	.003938	.003487
Material Cost	.031949	.034374	.090873	.059595	.057153	.052912	.051169	.048515
Equipment Hours	.002514	.002352	.004780	.003224	.003799	.003078	.003938	.003481
Years								
Labor Hours	.003472	.003474	.003820	.003487	.009069	.002555	.004276	.002677
Material Cost	.058120	.044500	.070415	.051312	.521044	.042555	.179899	.049853
Equipment Hours	.003393	.003474	.003741	.003487	.006705	.002476	.003868	.002585
Years								
Labor Hours	.002543	.002583	.002804	.002591	.002992	.002731	.003783	.003393
Material Cost	.026914	.043600	.029108	.034486	.033996	.043729	.063437	.060114
Equipment Hours	.002543	.002557	.002804	.002591	.002992	.002724	.003783	.003367
Years								
Labor Hours	.003989	.002998	.003321	.003361	.003240	.003020	.003463	.003081
Material Cost	.047742	.049014	.052373	.047792	.049730	.042730	.048037	.050186
Equipment Hours	.003989	.002985	.003321	.003361	.003240	.003020	.003457	.003074

COMMUNITY FIRE STATION

Resources Per Square Foot

[illegible]

Total Summary for Unac. Housing

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0000000 Total Summary		UM TD						
		2 1						
Years								
Labor Hours	.007771	.020176	.022126	.029561	.035406	.028404	.031973	.041898
Material Cost	.033022	.063389	.070126	.109791	.152432	.125675	.226577	.493367
Equipment Hours	.006671	.017259	.018913	.026488	.032234	.025142	.027349	.033982
Years								
Labor Hours	.054649	.042298	.035300	.039276	.036131	.040751	.049698	.049587
Material Cost	.761911	.369176	.302688	.330898	.347349	.20321	.758734	.786604
Equipment Hours	.043007	.037083	.031736	.034722	.032070	.035582	.041649	.039021
Years								
Labor Hours	.054335	.044843	.051678	.041726	.050213	.043861	.043900	.058766
Material Cost	.827660	.634381	.589655	.578074	.529567	.598374	.818157	.626543
Equipment Hours	.042189	.036868	.041732	.035507	.043446	.036979	.037853	.050201
Years								
Labor Hours	.062875	.049982	.044390	.042557	.059450	.041005	.043362	.049218
Material Cost	1.225965	.587447	.655729	.593840	.764453	.813962	.845742	.926848
Equipment Hours	.049111	.041609	.036350	.036426	.049534	.035045	.035626	.038179
Years								
Labor Hours	.064914	.045661	.038978	.038973	.050446	.057215	.042468	.057784
Material Cost	1.063419	.664888	.621539	.563547	.624143	.924520	.567762	1.289319
Equipment Hours	.051634	.038879	.032799	.032268	.042947	.046162	.035392	.042743
Years								
Labor Hours	.077071	.040278	.040823	.043480	.046911	.040124	.054718	.047595
Material Cost	1.098730	.485939	.450611	.524750	.452452	.461687	.472874	.686077
Equipment Hours	.056595	.034128	.035884	.037371	.042418	.036110	.049232	.038978
Years								
Labor Hours	.059152	.044247	.050912	.045754	.046785	.046928	.049451	.057184
Material Cost	1.151912	.528255	.632234	.535647	1.195896	.842395	.624627	.924677
Equipment Hours	.046353	.038257	.044546	.039460	.038411	.038837	.041474	.045715
Years								
Labor Hours	.077924	.053203	.039531	.049348	.069349	.037172	.043489	.049596
Material Cost	1.437188	.953079	.754989	.616415	1.056732	.372603	.604968	1.000662
Equipment Hours	.055453	.042311	.033842	.041441	.056155	.033330	.035505	.038628
Years								
Labor Hours	.068122	.043547	.046203	.036531	.044385	.047186	.044881	.052990
Material Cost	1.094922	.653800	.740906	.621198	.591722	.771658	.591722	.910338
Equipment Hours	.054367	.036455	.040049	.031921	.039587	.039801	.037151	.041161
Years								
Labor Hours	.072497	.056919	.082367	.069305	.042952	.049271	.045320	.064538
Material Cost	1.323086	.640704	.972507	.820775	.449195	.514301	.899495	.829625
Equipment Hours	.055031	.046573	.060184	.053190	.037687	.039199	.036588	.050606

Total Summary for Unac. Housing

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0300000 Roofing		2 17								
Years										
Labor Hours			.002201	.003201	.003758	.003220	.003503	.003793	.003370	.003407
Material Cost			.014637	.024374	.026797	.021438	.027822	.026504	.023608	.023608
Equipment Hours			.001101	.001601	.001880	.001610	.001752	.001897	.001685	.001704
Years										
Labor Hours			.003674	.003732	.003478	.004371	.004125	.006770	.006183	.004457
Material Cost			.024540	.027473	.026048	.046514	.047711	.111621	.079507	.048808
Equipment Hours			.001837	.001866	.001739	.002186	.002063	.003386	.003092	.002229
Years										
Labor Hours			.003968	.006560	.011511	.008097	.008515	.005906	.003728	.004052
Material Cost			.027501	.042911	.129416	.081822	.093944	.05985	.026438	.032788
Equipment Hours			.001984	.003281	.005756	.004049	.004257	.002953	.001864	.002026
Years										
Labor Hours			.003832	.007443	.008191	.007128	.010302	.003341	.005276	.003684
Material Cost			.024678	.075183	.086818	.027803	.077628	.023989	.049769	.027309
Equipment Hours			.001916	.003721	.004096	.003564	.005151	.001671	.002638	.001842
Years										
Labor Hours			.003920	.003742	.004167	.007277	.004720	.012709	.005608	.010722
Material Cost			.028038	.027910	.032482	.083823	.046251	.175831	.079434	.168260
Equipment Hours			.001960	.001871	.002084	.003639	.002360	.006355	.002804	.005361
Years										
Labor Hours			.011817	.003919	.005174	.006929	.004634	.003849	.003896	.003606
Material Cost			.177898	.034399	.055584	.078389	.049609	.026622	.027772	.028375
Equipment Hours			.005909	.001960	.002587	.003465	.002317	.001925	.001948	.001803
Years										
Labor Hours			.003736	.003369	.003487	.007483	.008253	.007343	.004051	.006711
Material Cost			.025904	.023864	.025833	.075182	.089490	.074872	.028891	.066032
Equipment Hours			.001868	.001685	.001744	.003742	.004127	.003672	.002026	.003356
Years										
Labor Hours			.015423	.008709	.003879	.005040	.009489	.003762	.005737	.003874
Material Cost			.145728	.092199	.030623	.047144	.100914	.027861	.056313	.026888
Equipment Hours			.007712	.004355	.001940	.002520	.004745	.001881	.002869	.001937
Years										
Labor Hours			.005361	.006061	.007456	.003494	.003835	.003378	.003862	.005109
Material Cost			.071750	.090600	.071797	.024812	.026548	.024604	.028904	.057749
Equipment Hours			.002681	.003031	.002728	.001747	.001917	.001689	.001931	.002555
Years										
Labor Hours			.007044	.006066	.012445	.004194	.005480	.009314	.008833	.007156
Material Cost			.082637	.071629	.175345	.035429	.055902	.105883	.097351	.073572
Equipment Hours			.003522	.003033	.006423	.002098	.002740	.004657	.004416	.003578

Total Summary for Unac. Housing

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
040000 Exterior Closure										
Years	1									
Labor Hours	.00266	.00430	.00423	.00403	.00797	.00465	.004298	.003978		
Material Cost	.00160	.001921	.002045	.008139	.016182	.01044	.00643	.013455		
Equipment Hours	.000266	.000430	.000623	.004043	.007797	.00465	.004298	.003978		
Years	9									
Labor Hours	.004668	.011310	.004881	.006185	.003360	.005934	.011639	.005012		
Material Cost	.021568	.032303	.022610	.023746	.018128	.026205	.038381	.019873		
Equipment Hours	.004668	.011310	.004881	.006185	.003360	.005934	.011639	.005012		
Years	17									
Labor Hours	.005059	.006506	.009752	.004103	.004817	.008362	.010609	.016866		
Material Cost	.019908	.021315	.028094	.018302	.019919	.023577	.031266	.036980		
Equipment Hours	.005059	.006506	.009752	.004103	.004817	.008362	.010609	.016866		
Years	25									
Labor Hours	.009691	.004816	.004162	.004582	.011309	.007655	.02772	.005689		
Material Cost	.028947	.018213	.013358	.014618	.037466	.033079	.027854	.031765		
Equipment Hours	.009691	.004816	.004162	.004582	.011309	.007655	.02772	.005689		
Years	33									
Labor Hours	.013594	.007453	.003796	.003349	.008018	.009977	.005095	.004812		
Material Cost	.046808	.036555	.023465	.022090	.032116	.036952	.021650	.026721		
Equipment Hours	.013594	.007453	.003796	.003349	.008018	.009977	.005095	.004812		
Years	41									
Labor Hours	.006665	.005670	.008088	.008810	.011865	.008017	.017908	.008024		
Material Cost	.021658	.019464	.049059	.072706	.072709	.072075	.096237	.085640		
Equipment Hours	.006665	.005670	.008088	.008810	.011865	.008017	.017908	.008024		
Years	49									
Labor Hours	.009303	.007199	.008427	.011787	.005075	.005820	.008223	.013071		
Material Cost	.094101	.084918	.049518	.057156	.041538	.058625	.050907	.058545		
Equipment Hours	.009292	.007199	.008415	.011787	.005075	.005808	.008204	.013059		
Years	57									
Labor Hours	.008202	.005948	.005282	.009402	.010121	.006694	.003585	.006883		
Material Cost	.045368	.033180	.030992	.097460	.034208	.040532	.043562	.077645		
Equipment Hours	.008202	.005936	.005282	.007939	.010109	.006694	.003572	.006056		
Years	65									
Labor Hours	.012877	.006838	.009892	.006351	.009282	.010253	.006336	.007088		
Material Cost	.061158	.051916	.066701	.073365	.073497	.085569	.074921	.070319		
Equipment Hours	.012865	.006838	.009892	.006340	.009282	.010155	.006336	.007076		
Years	73									
Labor Hours	.010889	.011305	.020268	.016337	.004687	.004443	.006756	.009656		
Material Cost	.077004	.086348	.268409	.203380	.064232	.061702	.059861	.063133		
Equipment Hours	.010889	.011305	.016083	.013348	.004687	.004443	.006756	.009656		

Total Summary for Unac. Housing

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction			2	1						
Years	1									
Labor Hours	.000008	.000011	.000095	.001754	.001978	.000550	.000936	.002532		
Material Cost	.000144	.000240	.000643	.009206	.033722	.030360	.032866	.043660		
Equipment Hours	.000008	.000011	.000095	.001754	.001978	.000550	.000929	.002524		
Years	9									
Labor Hours	.002378	.001214	.001184	.002458	.002204	.001236	.001377	.002828		
Material Cost	.062713	.065048	.057623	.062861	.057724	.056057	.055371	.053669		
Equipment Hours	.002361	.001211	.001184	.002458	.002204	.001236	.001371	.002546		
Years	17									
Labor Hours	.002099	.000801	.001504	.002303	.002768	.002010	.001337	.002434		
Material Cost	.040111	.036517	.050293	.058667	.048633	.069293	.062670	.059171		
Equipment Hours	.002081	.000799	.001200	.002303	.002768	.001737	.001331	.002425		
Years	25									
Labor Hours	.002897	.001781	.001094	.002931	.003323	.001568	.002325	.002804		
Material Cost	.075380	.072351	.051150	.049063	.070686	.067224	.107142	.102464		
Equipment Hours	.002832	.001731	.001058	.002895	.003275	.001520	.002283	.002748		
Years	33									
Labor Hours	.002443	.002200	.003457	.003039	.002969	.002480	.001991	.002236		
Material Cost	.086758	.076813	.111628	.098460	.096869	.071070	.069276	.082484		
Equipment Hours	.002390	.002138	.003160	.002991	.002628	.002298	.001960	.001907		
Years	41									
Labor Hours	.001274	.001785	.001983	.002014	.001996	.001913	.001881	.002095		
Material Cost	.052052	.048982	.050065	.050658	.055682	.064345	.054661	.058808		
Equipment Hours	.001245	.001783	.001983	.002014	.001996	.001913	.001875	.002086		
Years	49									
Labor Hours	.002075	.002322	.003052	.001955	.002102	.001669	.002818	.002090		
Material Cost	.075017	.075361	.041099	.042147	.043738	.059270	.087053	.043931		
Equipment Hours	.002058	.002319	.002610	.001955	.001829	.001669	.002459	.002034		
Years	57									
Labor Hours	.002233	.002668	.002000	.001956	.002362	.001717	.001443	.003007		
Material Cost	.072547	.073934	.055786	.074944	.072177	.077293	.058245	.073571		
Equipment Hours	.002180	.002357	.001952	.001909	.002204	.001669	.001401	.002938		
Years	65									
Labor Hours	.003244	.002023	.001323	.002873	.003036	.001539	.002445	.003110		
Material Cost	.091789	.084965	.068495	.077327	.063799	.064403	.094633	.083608		
Equipment Hours	.003202	.001973	.001288	.002813	.003012	.001491	.002165	.003101		
Years	73									
Labor Hours	.003640	.001095	.001258	.003791	.003133	.001397	.001485	.002286		
Material Cost	.094401	.045644	.049948	.087697	.080169	.057433	.044563	.066258		
Equipment Hours	.003319	.001092	.001258	.003518	.003133	.001397	.001478	.002277		

Total Summary for Unac. Housing

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.001688	.004259	.004259	.004788	.005298	.004015	.007842	.013953
Material Cost	.006963	.017838	.017838	.024294	.026863	.016336	.113948	.312652
Equipment Hours	.001688	.004259	.004259	.004788	.005298	.004015	.006261	.009269
Years	9	10	11	12	13	14	15	16
Labor Hours	.023247	.010056	.007914	.005889	.007892	.005055	.009883	.017813
Material Cost	.555961	.144078	.027629	.025950	.033487	.020084	.183015	.438561
Equipment Hours	.014925	.008178	.007914	.005889	.007892	.005053	.007617	.011723
Years	17	18	19	20	21	22	23	24
Labor Hours	.023747	.011623	.011671	.006656	.013345	.008456	.009868	.018546
Material Cost	.552934	.210398	.183177	.026788	.114769	.150739	.118567	.329426
Equipment Hours	.015423	.009063	.009605	.006653	.012723	.006963	.008284	.013830
Years	25	26	27	28	29	30	31	32
Labor Hours	.022139	.012808	.005783	.008154	.009580	.005875	.010878	.015278
Material Cost	.552837	.148681	.024906	.032315	.036454	.025295	.121439	.314474
Equipment Hours	.013818	.010924	.005776	.008154	.009580	.005868	.009297	.010583
Years	33	34	35	36	37	38	39	40
Labor Hours	.023440	.010087	.007633	.006702	.012506	.011528	.012115	.018297
Material Cost	.625821	.202270	.085544	.093268	.197096	.040915	.181691	.445379
Equipment Hours	.014409	.007602	.006756	.006020	.010076	.009546	.009929	.012119
Years	41	42	43	44	45	46	47	48
Labor Hours	.032424	.009075	.006592	.007127	.006673	.006274	.009967	.015589
Material Cost	.616768	.145917	.019928	.028957	.038556	.030038	.117429	.317750
Equipment Hours	.021897	.007158	.006592	.007127	.006582	.006249	.008385	.010905
Years	49	50	51	52	53	54	55	56
Labor Hours	.023930	.011071	.014691	.006996	.006680	.007075	.014396	.014299
Material Cost	.563455	.142814	.116494	.087753	.095781	.088755	.280448	.314037
Equipment Hours	.015570	.009190	.013609	.006391	.007791	.006393	.010683	.009613
Years	57	58	59	60	61	62	63	64
Labor Hours	.023661	.013539	.008384	.008500	.020715	.006474	.012883	.015791
Material Cost	.615655	.278033	.030912	.030435	.076608	.021635	.131423	.324194
Equipment Hours	.014734	.010143	.007598	.008492	.017533	.006474	.010679	.011032
Years	65	66	67	68	69	70	71	72
Labor Hours	.024138	.008469	.006618	.005024	.007854	.009051	.013839	.018651
Material Cost	.561666	.137854	.065155	.050758	.097759	.162479	.354514	.389371
Equipment Hours	.015539	.006590	.005859	.004943	.007170	.007255	.010547	.012250
Years	73	74	75	76	77	78	79	80
Labor Hours	.028501	.016857	.028312	.015786	.007955	.014568	.009181	.022138
Material Cost	.751311	.196010	.188904	.175367	.039442	.046235	.117212	.337023
Equipment Hours	.017569	.011594	.019139	.012313	.007557	.011023	.007593	.015440

Total Summary for Unac. Housing

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000286	.001012	.001627	.001726	.002485	.002075	.001858	.002400
Material Cost	.000149	.000623	.001095	.002294	.002158	.001558	.003445	.006750
Equipment Hours	.000286	.001012	.001627	.001723	.002457	.002075	.001855	.002400
Years	9	10	11	12	13	14	15	16
Labor Hours	.002451	.002269	.002523	.002397	.002409	.004126	.003624	.004327
Material Cost	.029270	.029804	.039524	.053386	.014174	.033485	.027294	.074253
Equipment Hours	.002396	.002237	.002438	.002263	.002205	.004044	.003555	.004270
Years	17	18	19	20	21	22	23	24
Labor Hours	.002231	.001912	.002286	.004947	.005843	.001993	.002332	.002226
Material Cost	.008442	.004467	.053689	.051848	.061304	.035170	.015492	.018895
Equipment Hours	.002174	.001911	.002233	.004905	.005674	.001953	.002221	.002074
Years	25	26	27	28	29	30	31	32
Labor Hours	.004392	.003167	.006576	.002411	.002628	.003626	.003225	.003642
Material Cost	.031085	.047839	.050786	.018518	.054751	.056924	.109781	.047603
Equipment Hours	.003952	.002654	.006079	.002332	.002433	.003024	.002984	.002978
Years	33	34	35	36	37	38	39	40
Labor Hours	.002641	.003983	.003136	.002530	.003933	.002287	.002082	.004827
Material Cost	.026046	.047371	.024089	.032002	.039699	.024240	.038554	.055945
Equipment Hours	.002432	.003854	.002964	.002272	.003606	.002076	.001883	.004386
Years	41	42	43	44	45	46	47	48
Labor Hours	.009199	.002166	.002957	.002408	.003944	.002768	.005792	.002413
Material Cost	.088012	.056234	.034794	.033820	.034251	.073330	.031040	.018478
Equipment Hours	.006992	.001887	.002617	.002332	.003743	.002591	.005745	.002319
Years	49	50	51	52	53	54	55	56
Labor Hours	.002914	.003461	.003655	.002187	.003216	.004876	.003438	.002824
Material Cost	.067531	.040003	.083906	.028242	.014187	.026322	.013234	.015053
Equipment Hours	.002522	.002805	.002914	.002135	.002703	.004508	.003407	.002824
Years	57	58	59	60	61	62	63	64
Labor Hours	.005473	.002679	.002211	.007074	.005802	.002100	.003395	.002513
Material Cost	.035630	.018373	.039959	.063158	.121896	.039948	.024203	.053590
Equipment Hours	.004545	.002538	.002119	.005621	.005548	.001900	.002714	.002331
Years	65	66	67	68	69	70	71	72
Labor Hours	.003720	.002944	.007101	.002848	.002039	.005181	.002228	.002416
Material Cost	.023135	.027649	.045335	.019700	.030750	.053006	.047580	.057420
Equipment Hours	.003656	.002768	.004572	.002704	.001949	.003393	.001910	.002099
Years	73	74	75	76	77	78	79	80
Labor Hours	.003727	.004466	.003813	.013325	.004005	.002275	.002440	.007369
Material Cost	.042112	.046273	.039679	.134347	.031949	.023637	.058224	.058304
Equipment Hours	.002986	.004180	.003549	.007849	.003736	.002098	.002300	.005848

Total Summary for Unac. Housng

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC								
Years								
Labor Hours	.002581	.009352	.009545	.011746	.011927	.010302	.010545	.012552
Material Cost	.009969	.018383	.019887	.039610	.041068	.027255	.029773	.048236
Equipment Hours	.002581	.008036	.008212	.010284	.010555	.008937	.009195	.011032
Years								
Labor Hours	.012545	.010363	.011125	.014154	.011576	.013611	.012748	.011160
Material Cost	.048801	.050231	.086406	.177939	.103498	.128283	.330910	.098246
Equipment Hours	.011134	.008927	.009385	.011921	.009784	.011923	.010135	.009261
Years								
Labor Hours	.013156	.013378	.010874	.011915	.010874	.013382	.011651	.010714
Material Cost	.137994	.196635	.103488	.304317	.134279	.228412	.216560	.115481
Equipment Hours	.011398	.011255	.009117	.009790	.009165	.011267	.009361	.009054
Years								
Labor Hours	.015504	.013860	.013828	.012210	.017281	.014644	.011386	.013901
Material Cost	.478577	.180444	.345346	.220169	.369622	.532738	.109016	.339440
Equipment Hours	.012488	.011663	.010562	.009917	.013000	.011147	.009510	.010130
Years								
Labor Hours	.013537	.012817	.012412	.011438	.013420	.013264	.010616	.012151
Material Cost	.117308	.107865	.281568	.174603	.152824	.120744	.120193	.435689
Equipment Hours	.011665	.011043	.009669	.009367	.011386	.011133	.008770	.009429
Years								
Labor Hours	.011127	.013643	.011485	.012254	.013483	.013247	.011366	.011932
Material Cost	.093773	.142895	.174821	.223162	.158377	.136567	.103801	.071037
Equipment Hours	.009337	.011666	.009483	.009706	.011612	.011372	.009483	.009912
Years								
Labor Hours	.013220	.013221	.012168	.011185	.014046	.015657	.011366	.013250
Material Cost	.277883	.118028	.202107	.168682	.234538	.474667	.103378	.346003
Equipment Hours	.011085	.011460	.009839	.009295	.011856	.012302	.009542	.009898
Years								
Labor Hours	.017354	.013951	.012508	.011612	.013617	.012845	.011808	.013265
Material Cost	.422797	.297468	.479641	.148972	.346525	.125652	.183488	.368213
Equipment Hours	.012641	.011433	.009692	.009347	.010162	.011142	.009786	.010305
Years								
Labor Hours	.014222	.013298	.011761	.011593	.013869	.013677	.011307	.012003
Material Cost	.185750	.217922	.181200	.266565	.156831	.125652	.110752	.190142
Equipment Hours	.012105	.011359	.009674	.009223	.011809	.011720	.009416	.009574
Years								
Labor Hours	.013318	.012571	.011180	.011277	.013024	.012575	.011948	.011543
Material Cost	.182004	.114155	.171854	.114984	.120214	.102153	.446114	.178228
Equipment Hours	.011379	.010822	.009050	.009479	.011178	.010887	.009372	.009425

Total Summary for Unac. Housng

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical		UM TD						
		2 2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000366	.001442	.001778	.001808	.001974	.002483	.002628	.002516
Material Cost	.000000	.000009	.001719	.003746	.003696	.011937	.01191	.043772
Equipment Hours	.000366	.001442	.001778	.001808	.001974	.002483	.002628	.002516
Years	9	10	11	12	13	14	15	16
Labor Hours	.002975	.002812	.003625	.003279	.003905	.003481	.003668	.003419
Material Cost	.016976	.018478	.039767	.037633	.067895	.037677	.040186	.036741
Equipment Hours	.002975	.002812	.003625	.003279	.003902	.003470	.003666	.003410
Years	17	18	19	20	21	22	23	24
Labor Hours	.003523	.003482	.003515	.003187	.003506	.003259	.003820	.003428
Material Cost	.038176	.094885	.038206	.032884	.033972	.029996	.344751	.030404
Equipment Hours	.003518	.003473	.003506	.003185	.003498	.003251	.003627	.003424
Years	25	26	27	28	29	30	31	32
Labor Hours	.003871	.003568	.004183	.004539	.004437	.003754	.006874	.003676
Material Cost	.031495	.041649	.080368	.161540	.11170	.073622	.304219	.060936
Equipment Hours	.003866	.003559	.004046	.004380	.004197	.003618	.005516	.003665
Years	33	34	35	36	37	38	39	40
Labor Hours	.004482	.004844	.003794	.004071	.004280	.004367	.004346	.004181
Material Cost	.127415	.162533	.059204	.056329	.054045	.365679	.053212	.051949
Equipment Hours	.004527	.004381	.003788	.004063	.004272	.004173	.004334	.004170
Years	41	42	43	44	45	46	47	48
Labor Hours	.004020	.003512	.003947	.003431	.003764	.003499	.003364	.003378
Material Cost	.045513	.035468	.061460	.030736	.037071	.042405	.038881	.101591
Equipment Hours	.004004	.003497	.003936	.003412	.003750	.003487	.003343	.003372
Years	49	50	51	52	53	54	55	56
Labor Hours	.003413	.003078	.004831	.003606	.004748	.003938	.004556	.004365
Material Cost	.044484	.040203	.090142	.051275	.653321	.056106	.057640	.057917
Equipment Hours	.003397	.003073	.004812	.003599	.004366	.003935	.004549	.004359
Years	57	58	59	60	61	62	63	64
Labor Hours	.004976	.005058	.004645	.005232	.004676	.003098	.004084	.003787
Material Cost	.096645	.154435	.080440	.150206	.288119	.036943	.103245	.073377
Equipment Hours	.004838	.004901	.004637	.004858	.005287	.003087	.003931	.003551
Years	65	66	67	68	69	70	71	72
Labor Hours	.004028	.003380	.003490	.003788	.003891	.003561	.004259	.004050
Material Cost	.101710	.040002	.038170	.356634	.045938	.042256	.057037	.058930
Equipment Hours	.003786	.003362	.003476	.003590	.003869	.003553	.004243	.003941
Years	73	74	75	76	77	78	79	80
Labor Hours	.004672	.004000	.004086	.004001	.004089	.004095	.004080	.003855
Material Cost	.087964	.053953	.054071	.053183	.054410	.112212	.052646	.049745
Equipment Hours	.004662	.003988	.004077	.003992	.004079	.004089	.004075	.003847

Total Summary for Unac. Housing

Resources Per Square Foot

Task Description	120000 Special Inter. Electr. System	UM	TD	2	2
Years	1	2	3	4	5
Labor Hours	.00375	.00468	.00441	.00477	.00444
Material Cost	.00000	.00000	.00102	.00103	.000920
Equipment Hours	.000375	.000468	.000441	.000477	.000444
Years	9	10	11	12	13
Labor Hours	.000512	.000542	.000571	.000542	.000660
Material Cost	.002081	.001761	.003082	.002869	.004732
Equipment Hours	.000512	.000542	.000571	.000542	.000660
Years	17	18	19	20	21
Labor Hours	.000552	.000580	.000564	.000518	.000543
Material Cost	.002514	.002522	.003294	.003446	.002746
Equipment Hours	.000552	.000580	.000564	.000518	.000543
Years	25	26	27	28	29
Labor Hours	.000549	.000540	.000572	.000603	.000588
Material Cost	.002985	.003085	.002997	.004813	.006675
Equipment Hours	.000549	.000540	.000572	.000603	.000588
Years	33	34	35	36	37
Labor Hours	.000656	.000535	.000583	.000568	.000600
Material Cost	.005227	.003572	.003558	.002973	.005243
Equipment Hours	.000656	.000535	.000583	.000568	.000600
Years	41	42	43	44	45
Labor Hours	.000545	.000506	.000596	.000506	.000553
Material Cost	.003058	.002679	.004900	.006322	.004195
Equipment Hours	.000545	.000506	.000596	.000506	.000553
Years	49	50	51	52	53
Labor Hours	.000561	.000525	.000602	.000556	.000664
Material Cost	.003537	.003063	.003135	.005211	.003303
Equipment Hours	.000561	.000525	.000602	.000556	.000664
Years	57	58	59	60	61
Labor Hours	.000601	.000648	.000622	.000554	.000566
Material Cost	.002818	.005457	.006659	.04095	.016287
Equipment Hours	.000601	.000648	.000622	.000554	.000566
Years	65	66	67	68	69
Labor Hours	.000533	.000535	.000562	.000560	.000579
Material Cost	.003464	.002892	.005404	.002457	.003761
Equipment Hours	.000533	.000535	.000562	.000560	.000579
Years	73	74	75	76	77
Labor Hours	.000704	.000559	.000603	.000593	.000578
Material Cost	.005655	.006693	.004296	.016389	.002877
Equipment Hours	.000704	.000559	.000603	.000593	.000578
Years	81	82	83	84	85
Labor Hours	.000560	.000497	.000540	.000540	.000540
Material Cost	.001481	.001103	.000540	.000540	.000540
Equipment Hours	.000560	.000497	.000540	.000540	.000540
Years	15	16	17	18	19
Labor Hours	.000574	.000569	.000574	.000574	.000574
Material Cost	.004071	.016454	.000574	.000574	.000574
Equipment Hours	.000574	.000569	.000574	.000574	.000574
Years	23	24	25	26	27
Labor Hours	.000555	.000500	.000555	.000555	.000555
Material Cost	.002413	.003398	.000555	.000555	.000555
Equipment Hours	.000555	.000500	.000555	.000555	.000555
Years	31	32	33	34	35
Labor Hours	.000624	.000544	.000624	.000624	.000624
Material Cost	.016540	.002877	.000624	.000624	.000624
Equipment Hours	.000624	.000544	.000624	.000624	.000624
Years	39	40	41	42	43
Labor Hours	.000617	.000558	.000617	.000617	.000617
Material Cost	.003751	.002892	.000617	.000617	.000617
Equipment Hours	.000617	.000558	.000617	.000617	.000617
Years	47	48	49	50	51
Labor Hours	.000546	.000557	.000546	.000546	.000546
Material Cost	.003052	.004399	.000546	.000546	.000546
Equipment Hours	.000546	.000557	.000546	.000546	.000546
Years	55	56	57	58	59
Labor Hours	.000603	.000572	.000603	.000603	.000603
Material Cost	.003076	.003160	.000603	.000603	.000603
Equipment Hours	.000603	.000572	.000603	.000603	.000603
Years	63	64	65	66	67
Labor Hours	.000553	.000479	.000553	.000553	.000553
Material Cost	.004489	.003184	.000553	.000553	.000553
Equipment Hours	.000553	.000479	.000553	.000553	.000553
Years	71	72	73	74	75
Labor Hours	.000604	.000563	.000604	.000604	.000604
Material Cost	.003318	.002800	.000604	.000604	.000604
Equipment Hours	.000604	.000563	.000604	.000604	.000604
Years	79	80	81	82	83
Labor Hours	.000596	.000534	.000596	.000596	.000596
Material Cost	.003523	.003363	.000596	.000596	.000596
Equipment Hours	.000596	.000534	.000596	.000596	.000596

AUDITORIUM/THEATER FACILITY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0000000 Total Summary								
Years								
Labor Hours	.010159	.024079	.025250	.028411	.033593	.030182	.028790	.039647
Material Cost	.022599	.074741	.071562	.091104	.114619	.107032	.110729	.232021
Equipment Hours	.008929	.019883	.020834	.023844	.029095	.025949	.023939	.033670
Years								
Labor Hours	.037853	.035101	.032148	.033564	.048017	.029636	.062808	.037722
Material Cost	.342781	.167839	.264924	.219774	.346201	.199585	.844822	.410418
Equipment Hours	.030857	.030663	.027557	.029077	.040476	.025229	.049454	.032047
Years								
Labor Hours	.047189	.032389	.053029	.031775	.050778	.047029	.036972	.041606
Material Cost	.444008	.356981	.837794	.210102	.567785	.276371	.302085	.433352
Equipment Hours	.039677	.027479	.039678	.026841	.043568	.042356	.031983	.034731
Years								
Labor Hours	.050713	.078943	.031186	.049954	.051578	.054047	.042363	.043084
Material Cost	1.101930	.646287	.559708	.613428	.613428	1.099369	1.117319	.619890
Equipment Hours	.039765	.067369	.026289	.039107	.039997	.037654	.033392	.036143
Years								
Labor Hours	.046083	.035526	.036136	.040816	.042926	.054107	.042408	.040618
Material Cost	.702187	.211498	.789340	.231377	.453804	.802600	.413057	.350151
Equipment Hours	.037485	.030662	.028604	.036090	.034451	.041363	.035020	.034509
Years								
Labor Hours	.063838	.043066	.048158	.039569	.050366	.033898	.042781	.033936
Material Cost	1.068661	.503319	.434221	.408053	.463781	.346189	.224162	.339026
Equipment Hours	.047620	.034097	.040350	.031744	.044854	.028707	.038046	.027745
Years								
Labor Hours	.043722	.041890	.049105	.057789	.040461	.053427	.038212	.049030
Material Cost	.860735	.195762	.429457	.609850	.295211	1.226907	.403540	.702524
Equipment Hours	.034699	.036485	.043919	.047861	.034976	.038969	.031302	.038922
Years								
Labor Hours	.064205	.039862	.059607	.036545	.052668	.042174	.051135	.046548
Material Cost	1.233190	.665796	1.209658	.255187	1.136980	.555367	.864737	1.029732
Equipment Hours	.046945	.034504	.041505	.031951	.044149	.035757	.039437	.037056
Years								
Labor Hours	.053326	.033170	.042802	.040167	.034158	.038582	.044851	.046718
Material Cost	.542205	.229048	.561218	.253406	.468378	.371719	.597683	.367977
Equipment Hours	.043606	.028683	.034998	.035356	.028665	.031835	.036931	.039931
Years								
Labor Hours	.061121	.045487	.062682	.076871	.055777	.058424	.038213	.050834
Material Cost	.887481	.837533	.644870	.721127	.598795	.284688	.514553	.532421
Equipment Hours	.048521	.035669	.047937	.054777	.050625	.042801	.033332	.038941

AUDITORIUM/THEATER FACILITY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.002460	.004560	.004563	.005131	.004381	.004634	.005414	.004807
Material Cost	.009207	.034288	.028547	.028547	.030255	.029399	.028547	.028547
Equipment Hours	.001230	.002280	.002283	.002566	.002191	.002318	.002708	.002404
Years	9	10	11	12	13	14	15	16
Labor Hours	.004563	.004989	.004594	.004563	.009730	.004807	.020100	.005201
Material Cost	.028547	.030255	.029399	.028547	.162932	.028547	.028293	.029399
Equipment Hours	.002283	.002495	.002298	.002283	.004866	.002404	.010051	.002601
Years	17	18	19	20	21	22	23	24
Labor Hours	.004884	.005283	.010170	.005324	.008466	.005131	.004848	.004798
Material Cost	.034288	.033517	.098578	.033517	.073762	.034288	.028547	.033721
Equipment Hours	.002443	.002642	.005085	.002662	.004234	.002566	.002425	.002400
Years	25	26	27	28	29	30	31	32
Labor Hours	.005455	.014833	.004310	.014876	.014062	.016059	.004691	.004791
Material Cost	.028547	.163906	.029399	.158165	.152188	.174557	.035141	.028547
Equipment Hours	.002728	.007417	.002156	.007438	.007032	.008030	.002346	.002396
Years	33	34	35	36	37	38	39	40
Labor Hours	.005026	.004676	.005074	.004954	.004969	.011592	.009442	.004544
Material Cost	.030255	.032013	.028547	.029399	.030255	.145663	.157190	.028547
Equipment Hours	.002513	.002339	.002538	.002478	.002485	.005796	.004721	.002272
Years	41	42	43	44	45	46	47	48
Labor Hours	.010105	.008112	.010001	.011051	.005184	.005324	.005003	.004863
Material Cost	.163784	.086978	.154738	.178429	.034288	.033517	.031107	.028547
Equipment Hours	.005053	.004057	.005001	.005526	.002592	.002662	.002502	.002432
Years	49	50	51	52	53	54	55	56
Labor Hours	.005278	.004109	.004843	.014715	.004861	.014965	.004868	.005111
Material Cost	.033223	.022080	.028547	.165614	.029399	.161631	.028547	.034288
Equipment Hours	.002640	.002055	.002422	.007358	.002431	.007483	.002435	.002556
Years	57	58	59	60	61	62	63	64
Labor Hours	.019279	.004654	.015775	.004831	.004949	.007499	.005135	.004940
Material Cost	.220512	.029399	.174557	.028547	.030255	.063487	.028547	.032013
Equipment Hours	.009640	.002328	.007888	.002416	.002475	.003750	.002568	.002471
Years	65	66	67	68	69	70	71	72
Labor Hours	.009625	.004811	.009086	.004991	.005095	.005709	.009477	.005642
Material Cost	.158898	.028547	.157190	.035141	.028547	.035225	.149564	.040111
Equipment Hours	.004813	.002406	.004544	.002496	.002548	.002855	.004739	.002821
Years	73	74	75	76	77	78	79	80
Labor Hours	.010064	.005403	.012216	.004560	.005629	.014840	.003878	.015550
Material Cost	.173459	.033721	.145663	.034288	.034075	.158165	.022080	.165472
Equipment Hours	.005033	.002702	.006108	.002280	.002815	.007420	.001940	.007776

AUDITORIUM/THEATER FACILITY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
040000 Exterior Closure								
Years	1	2	3	4	5	6	7	8
Labor Hours	.00033	.00044	.00112	.00079	.00373	.00368	.001134	.008399
Material Cost	.000140	.000212	.000460	.002797	.01923	.019207	.010005	.033257
Equipment Hours	.00033	.00044	.00112	.00079	.00373	.00368	.001134	.008399
Years	9	10	11	12	13	14	15	16
Labor Hours	.002938	.007106	.001216	.004430	.003340	.001362	.0014071	.001549
Material Cost	.018010	.022534	.026658	.034999	.034509	.028383	.061482	.021850
Equipment Hours	.002938	.007106	.001216	.004430	.003340	.001362	.0014071	.001549
Years	17	18	19	20	21	22	23	24
Labor Hours	.008723	.002380	.008607	.001314	.007031	.019050	.005570	.006645
Material Cost	.029425	.021292	.038724	.015696	.031358	.027387	.029668	.036114
Equipment Hours	.008723	.002380	.008607	.001314	.007031	.019050	.005570	.006645
Years	25	26	27	28	29	30	31	32
Labor Hours	.004846	.026049	.001401	.003309	.007504	.004880	.001530	.005563
Material Cost	.028785	.054406	.027474	.026682	.043469	.032219	.025351	.037651
Equipment Hours	.004846	.026049	.001401	.003309	.007504	.004880	.001530	.005563
Years	33	34	35	36	37	38	39	40
Labor Hours	.007235	.006889	.000986	.010190	.003253	.005540	.005506	.007156
Material Cost	.039302	.027924	.021710	.031147	.038070	.035912	.038627	.020854
Equipment Hours	.007235	.006889	.000986	.010190	.003253	.005540	.005506	.007156
Years	41	42	43	44	45	46	47	48
Labor Hours	.006237	.003916	.008878	.003008	.015988	.003127	.009742	.00797
Material Cost	.037934	.021995	.042537	.031147	.047236	.017892	.043306	.025592
Equipment Hours	.006237	.003916	.008878	.003008	.015988	.003127	.009742	.00797
Years	49	50	51	52	53	54	55	56
Labor Hours	.002972	.011557	.009084	.013809	.005157	.006977	.001365	.008932
Material Cost	.030472	.037517	.042660	.040701	.035952	.034933	.030502	.051463
Equipment Hours	.002972	.011557	.009084	.013809	.005157	.006977	.001365	.008932
Years	57	58	59	60	61	62	63	64
Labor Hours	.007911	.005454	.007564	.005965	.008237	.004612	.001002	.007812
Material Cost	.051726	.039154	.037275	.046022	.135258	.044780	.037333	.054643
Equipment Hours	.007911	.005454	.007564	.005965	.007306	.004612	.001002	.007731
Years	65	66	67	68	69	70	71	72
Labor Hours	.009635	.004313	.006631	.010220	.001796	.006168	.008316	.012274
Material Cost	.047606	.040758	.052786	.042888	.043361	.043761	.063113	.040513
Equipment Hours	.009635	.004313	.006631	.010220	.001796	.006168	.008316	.012274
Years	73	74	75	76	77	78	79	80
Labor Hours	.011513	.007382	.018198	.006291	.017698	.002946	.007974	.005996
Material Cost	.052579	.054178	.0310917	.030984	.047533	.039211	.046903	.047618
Equipment Hours	.011513	.007382	.012238	.006291	.017698	.002946	.007974	.005959

AUDITORIUM/THEATER FACILITY

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction										
Years	1									
Labor Hours	.000000	.000000	.000027	.000409	.000339	.000014	.000103	.000767		
Material Cost	.000000	.000000	.000172	.002264	.001925	.001062	.000643	.006725		
Equipment Hours	.000000	.000000	.000027	.000409	.000339	.000014	.000103	.000767		
Years	9									
Labor Hours	.000442	.000162	.000360	.000623	.000691	.000289	.000723	.000943		
Material Cost	.009753	.010495	.019475	.019746	.022621	.015011	.024548	.023193		
Equipment Hours	.000442	.000162	.000360	.000623	.000691	.000289	.000723	.000831		
Years	17									
Labor Hours	.000481	.000281	.000530	.000465	.000735	.000629	.000246	.000548		
Material Cost	.012304	.011511	.014616	.013637	.012433	.014198	.012404	.015508		
Equipment Hours	.000481	.000281	.000535	.000465	.000624	.000629	.000246	.000548		
Years	25									
Labor Hours	.000672	.000595	.000409	.000716	.001016	.000320	.000402	.000700		
Material Cost	.018314	.021576	.022109	.018335	.021926	.013309	.016904	.018031		
Equipment Hours	.000672	.000595	.000409	.000716	.001016	.000320	.000402	.000700		
Years	33									
Labor Hours	.000620	.000450	.000288	.000975	.002909	.000629	.000555	.000604		
Material Cost	.019657	.020326	.012438	.020293	.021360	.023799	.021974	.023966		
Equipment Hours	.000620	.000338	.000288	.000975	.001714	.000475	.000444	.000604		
Years	41									
Labor Hours	.000425	.000285	.000711	.000533	.000580	.000414	.000273	.000808		
Material Cost	.013776	.010789	.016691	.015001	.016123	.013600	.012199	.026096		
Equipment Hours	.000425	.000285	.000711	.000533	.000580	.000414	.000273	.000808		
Years	49									
Labor Hours	.000678	.000587	.000353	.000994	.000579	.000247	.000368	.000914		
Material Cost	.015744	.011589	.017394	.024332	.020746	.016406	.019433	.023425		
Equipment Hours	.000678	.000587	.000353	.000883	.000579	.000247	.000348	.000759		
Years	57									
Labor Hours	.001105	.000406	.002729	.000640	.000779	.000451	.000424	.000936		
Material Cost	.029184	.021134	.024696	.024966	.026547	.026864	.017498	.023121		
Equipment Hours	.000993	.000406	.001554	.000640	.000779	.000451	.000424	.000936		
Years	65									
Labor Hours	.000557	.000490	.000325	.000670	.000736	.000633	.000729	.000971		
Material Cost	.012692	.022521	.019642	.023307	.021741	.023302	.023366	.027032		
Equipment Hours	.000557	.000454	.000325	.000670	.000700	.000522	.000729	.000971		
Years	73									
Labor Hours	.001057	.000791	.000692	.001123	.000935	.000866	.000392	.000618		
Material Cost	.033393	.031382	.030231	.034392	.020597	.020380	.015546	.025005		
Equipment Hours	.001000	.000637	.000581	.001086	.000935	.000866	.000392	.000581		

AUDITORIUM/THEATER FACILITY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.001128	.005061	.005061	.005100	.005086	.005250	.005143	.008012
Material Cost	.004003	.018621	.018621	.020117	.020228	.021460	.018689	.114860
Equipment Hours	.001128	.005061	.005061	.005100	.005086	.005250	.005143	.006536
Years	9	10	11	12	13	14	15	16
Labor Hours	.010174	.006059	.006815	.005076	.013552	.005546	.005061	.011274
Material Cost	.180902	.022729	.028635	.019583	.045464	.021346	.018621	.133734
Equipment Hours	.007709	.006059	.006815	.005076	.013552	.005546	.005061	.009637
Years	17	18	19	20	21	22	23	24
Labor Hours	.012662	.007241	.012107	.005678	.010022	.005061	.008200	.009853
Material Cost	.182194	.019922	.298811	.020115	.045612	.018621	.022596	.166660
Equipment Hours	.010197	.007241	.008809	.005678	.009860	.005061	.008200	.008165
Years	25	26	27	28	29	30	31	32
Labor Hours	.011713	.016526	.005669	.009340	.005197	.005664	.009186	.009990
Material Cost	.188086	.051794	.019278	.027543	.021150	.019153	.030057	.116603
Equipment Hours	.009248	.016520	.005669	.009340	.005197	.005664	.009186	.008514
Years	33	34	35	36	37	38	39	40
Labor Hours	.009991	.005473	.005522	.005264	.010521	.014574	.008151	.008615
Material Cost	.179416	.032084	.020813	.022423	.200988	.189048	.040447	.115392
Equipment Hours	.007526	.005312	.005522	.005264	.008502	.012786	.007989	.007139
Years	41	42	43	44	45	46	47	48
Labor Hours	.020843	.007879	.009301	.005100	.005091	.006620	.009418	.008510
Material Cost	.332090	.154826	.021734	.020117	.020333	.025973	.023504	.115343
Equipment Hours	.014617	.006843	.009301	.005100	.005091	.006620	.009418	.007034
Years	49	50	51	52	53	54	55	56
Labor Hours	.012197	.005664	.014430	.008730	.008693	.006292	.009462	.010720
Material Cost	.233406	.019153	.049789	.040383	.079563	.196160	.196160	.218628
Equipment Hours	.009521	.005664	.014430	.008564	.008184	.006292	.007442	.007966
Years	57	58	59	60	61	62	63	64
Labor Hours	.011021	.009244	.005149	.005678	.011867	.009331	.021922	.008986
Material Cost	.193741	.021728	.019479	.020115	.036137	.026565	.155792	.120779
Equipment Hours	.008395	.009244	.005149	.005678	.011807	.009240	.017018	.007511
Years	65	66	67	68	69	70	71	72
Labor Hours	.010755	.005672	.006915	.005284	.005134	.005987	.006678	.008051
Material Cost	.183174	.022788	.071878	.049476	.020835	.031642	.142202	.115724
Equipment Hours	.008289	.005672	.006703	.005199	.005134	.005825	.006318	.006575
Years	73	74	75	76	77	78	79	80
Labor Hours	.016811	.009077	.010252	.020650	.010671	.021479	.005952	.008629
Material Cost	.417922	.127805	.040500	.206772	.030300	.215008	.022563	.115427
Equipment Hours	.011900	.007778	.010090	.015463	.010671	.015549	.005952	.007154

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UM = Unit of Measure ID
TD = Trade ID

AUDITORIUM/THEATER FACILITY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing		UM TD						
		2	3					
Years	1	2	3	4	5	6	7	8
Labor Hours	.000230	.000938	.001541	.001618	.002582	.001718	.001884	.001669
Material Cost	.000151	.000636	.000789	.001248	.001582	.001376	.001866	.003031
Equipment Hours	.000230	.000938	.001322	.001618	.002277	.001718	.001665	.001669
Years	9	10	11	12	13	14	15	16
Labor Hours	.002780	.001761	.002499	.001828	.002644	.001412	.004762	.002240
Material Cost	.021499	.021097	.041810	.020518	.051704	.002080	.015240	.006338
Equipment Hours	.002457	.001743	.002225	.001781	.002084	.001384	.004525	.002240
Years	17	18	19	20	21	22	23	24
Labor Hours	.002454	.001340	.002181	.001958	.004181	.001611	.001874	.002689
Material Cost	.007122	.039996	.026533	.021878	.137058	.029849	.009025	.026577
Equipment Hours	.002130	.001309	.001926	.001940	.005717	.001574	.001655	.002174
Years	25	26	27	28	29	30	31	32
Labor Hours	.005480	.002242	.002421	.001632	.002660	.004701	.002742	.002259
Material Cost	.029456	.084403	.016570	.047296	.037553	.041868	.054424	.033151
Equipment Hours	.004969	.002008	.001947	.001549	.002344	.003308	.002336	.002182
Years	33	34	35	36	37	38	39	40
Labor Hours	.002412	.001528	.004331	.001804	.002833	.001636	.002117	.001656
Material Cost	.056001	.016703	.026595	.018731	.039713	.015351	.029538	.026979
Equipment Hours	.002078	.001376	.004020	.001684	.002230	.001470	.001761	.001536
Years	41	42	43	44	45	46	47	48
Labor Hours	.007493	.006289	.002042	.002123	.004878	.002134	.002252	.001688
Material Cost	.158876	.069711	.060366	.021970	.026264	.007860	.012205	.046444
Equipment Hours	.005074	.004768	.001666	.002066	.004633	.002038	.002006	.001625
Years	49	50	51	52	53	54	55	56
Labor Hours	.003679	.004473	.002803	.001780	.002589	.001589	.004753	.002328
Material Cost	.048385	.033383	.118254	.017919	.013101	.009805	.022950	.010598
Equipment Hours	.002748	.003068	.002320	.001755	.002154	.001589	.004448	.002328
Years	57	58	59	60	61	62	63	64
Labor Hours	.002266	.001482	.002497	.001853	.003943	.003814	.002228	.002142
Material Cost	.011776	.043539	.027004	.014821	.129901	.046064	.053768	.024258
Equipment Hours	.002028	.001452	.002155	.001844	.003407	.003680	.001836	.002029
Years	65	66	67	68	69	70	71	72
Labor Hours	.004954	.002176	.003392	.001832	.002278	.003984	.002204	.001806
Material Cost	.029765	.023429	.034446	.009837	.028734	.039629	.049081	.028247
Equipment Hours	.004657	.002083	.002539	.001773	.001975	.002651	.001727	.001722
Years	73	74	75	76	77	78	79	80
Labor Hours	.002709	.002681	.004882	.025999	.002406	.001712	.002716	.001980
Material Cost	.070412	.034294	.026265	.135519	.021633	.056714	.039567	.024777
Equipment Hours	.002128	.002076	.004463	.014017	.002116	.001569	.002177	.001846

AUDITORIUM/THEATER FACILITY

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0900000	HVAC		2	9							
Years											
Labor Hours											
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Equipment Hours											

AUDITORIUM/THEATER FACILITY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical	UM TD	2 2						
Years								
Labor Hours	.000485	.001422	.001735	.001838	.001917	.002148	.002400	.002125
Material Cost	.000000	.000670	.001973	.004776	.004217	.007756	.008491	.009225
Equipment Hours	.000485	.001422	.001735	.001838	.001917	.002148	.002400	.002125
Years								
Labor Hours	.002851	.002438	.003646	.002904	.003557	.003230	.003370	.003005
Material Cost	.036967	.012172	.064163	.025960	.029234	.029377	.031829	.024143
Equipment Hours	.002851	.002438	.003646	.002904	.003557	.003230	.003370	.003005
Years								
Labor Hours	.003442	.002965	.003370	.002760	.003446	.002974	.003116	.003006
Material Cost	.056944	.026450	.054436	.022940	.058638	.023172	.024595	.022903
Equipment Hours	.003431	.002962	.003370	.002752	.003446	.002970	.003116	.003002
Years								
Labor Hours	.003572	.003244	.003811	.005379	.003339	.002977	.007655	.005757
Material Cost	.026916	.028598	.026257	.029438	.031291	.028689	.071747	.021481
Equipment Hours	.003568	.003230	.003668	.004498	.003339	.002969	.006005	.004825
Years								
Labor Hours	.005936	.003862	.003574	.003708	.003882	.003742	.003900	.003659
Material Cost	.247583	.046960	.042728	.043665	.038042	.041161	.061197	.036695
Equipment Hours	.005040	.003720	.003574	.003700	.003879	.003742	.003890	.003659
Years								
Labor Hours	.003744	.003333	.003626	.003061	.003510	.003001	.003349	.002889
Material Cost	.061312	.031892	.027914	.023326	.031744	.027338	.058140	.029828
Equipment Hours	.003737	.003326	.003615	.003054	.003503	.002986	.003345	.002889
Years								
Labor Hours	.003548	.002853	.004575	.003585	.004306	.003557	.004328	.003815
Material Cost	.263738	.030914	.087943	.042708	.055070	.039973	.047163	.036189
Equipment Hours	.003394	.002853	.004556	.003579	.004306	.003557	.004321	.003815
Years								
Labor Hours	.004432	.005891	.004016	.003651	.007378	.002914	.007564	.003282
Material Cost	.273331	.237260	.039767	.035173	.558263	.024386	.509171	.029945
Equipment Hours	.004290	.005002	.004009	.003651	.005720	.002911	.005755	.003129
Years								
Labor Hours	.003169	.002975	.003291	.003141	.003740	.003073	.004007	.003705
Material Cost	.030556	.025843	.031985	.064143	.062164	.028580	.069281	.044353
Equipment Hours	.003169	.002972	.003280	.003134	.003730	.003066	.004000	.003552
Years								
Labor Hours	.004560	.003596	.003835	.003624	.004067	.003630	.004200	.003423
Material Cost	.053330	.036680	.042442	.037264	.069633	.038211	.267912	.035996
Equipment Hours	.004560	.003585	.003831	.003609	.004056	.003630	.004062	.003415

AUDITORIUM/THEATER FACILITY
 Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	2	2								
Years										
Labor Hours	.003206	.003519	.003506	.003498	.003511	.003539	.003560	.003535		
Material Cost	.002499	.006871	.006871	.007184	.008120	.010034	.010369	.006913		
Equipment Hours	.003206	.003519	.003506	.003498	.003511	.003539	.003560	.003535		
Years										
Labor Hours	.003603	.003587	.003608	.003599	.003482	.003679	.003600	.003581		
Material Cost	.014892	.013342	.015641	.015025	.010973	.028843	.012076	.012224		
Equipment Hours	.003603	.003587	.003608	.003599	.003482	.003679	.003600	.003581		
Years										
Labor Hours	.003586	.003620	.003554	.003589	.003558	.003588	.003527	.003591		
Material Cost	.014687	.017602	.017233	.015091	.012728	.021280	.007839	.015014		
Equipment Hours	.003586	.003620	.003554	.003589	.003558	.003588	.003527	.003591		
Years										
Labor Hours	.003587	.003526	.003625	.003555	.003663	.003590	.003561	.003615		
Material Cost	.015951	.015518	.015169	.010996	.027362	.012881	.011795	.015147		
Equipment Hours	.003587	.003526	.003625	.003555	.003663	.003590	.003561	.003615		
Years										
Labor Hours	.003617	.003575	.003614	.003508	.003611	.003576	.003617	.003600		
Material Cost	.014499	.011787	.015567	.012739	.021314	.017061	.015069	.012459		
Equipment Hours	.003617	.003575	.003614	.003508	.003611	.003576	.003617	.003600		
Years										
Labor Hours	.003605	.003610	.003527	.003637	.003594	.003469	.003634	.003599		
Material Cost	.015582	.015146	.007839	.027507	.016426	.011729	.015191	.017537		
Equipment Hours	.003605	.003610	.003527	.003637	.003594	.003469	.003634	.003599		
Years										
Labor Hours	.003572	.003555	.003590	.003593	.003556	.003620	.003641	.003547		
Material Cost	.011766	.011892	.012773	.021271	.007915	.015090	.016081	.015382		
Equipment Hours	.003572	.003555	.003590	.003593	.003556	.003620	.003641	.003547		
Years										
Labor Hours	.003625	.003576	.003660	.003614	.003549	.003618	.003578	.003538		
Material Cost	.015169	.011061	.027341	.012966	.011794	.015168	.014392	.011700		
Equipment Hours	.003625	.003576	.003660	.003614	.003549	.003618	.003578	.003538		
Years										
Labor Hours	.003567	.003497	.003604	.003547	.003624	.003579	.003618	.003615		
Material Cost	.015448	.012707	.021303	.010985	.015080	.012395	.015584	.015137		
Equipment Hours	.003567	.003497	.003604	.003547	.003624	.003579	.003618	.003615		
Years										
Labor Hours	.003556	.003666	.003649	.003690	.003633	.003628	.003561	.003587		
Material Cost	.007915	.027583	.016556	.011794	.015191	.017613	.011734	.011988		
Equipment Hours	.003556	.003666	.003649	.003690	.003633	.003628	.003561	.003587		

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BOWLING CENTER

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0000000	Total Summary										
Years		1									
Labor Hours		.004671	.011613	.012810	.013522	.014270	.016605	.015452	.017017		
Material Cost		.022528	.048720	.054915	.057472	.069351	.093639	.118129	.139038		
Equipment Hours		.003350	.008683	.009594	.010299	.011343	.013447	.011614	.013235		
Years		9									
Labor Hours		.018735	.017668	.029017	.021979	.017460	.021157	.028878	.021493		
Material Cost		.219160	.135583	.292074	.275337	.194817	.368356	.717135	.267091		
Equipment Hours		.014272	.014242	.025729	.016343	.013989	.015627	.019212	.017210		
Years		17									
Labor Hours		.020490	.017389	.033418	.017051	.042037	.018748	.017464	.020893		
Material Cost		.276896	.197401	.710606	.470287	.437147	.193905	.238472	.183123		
Equipment Hours		.015433	.013352	.020637	.013300	.037381	.014824	.013228	.016921		
Years		25									
Labor Hours		.021161	.030524	.030452	.024718	.029262	.018956	.034740	.081311		
Material Cost		.343511	.360389	.640976	.266520	.451831	.629360	.827968	.666166		
Equipment Hours		.016157	.022406	.020645	.017371	.020252	.014038	.029311	.046022		
Years		33									
Labor Hours		.023676	.019631	.020163	.021460	.022160	.033750	.020515	.025471		
Material Cost		.380992	.289704	.344824	.309980	.358281	.615105	.319176	.865491		
Equipment Hours		.017472	.015601	.014889	.017230	.016275	.022197	.014735	.017094		
Years		41									
Labor Hours		.087332	.037094	.021058	.017587	.022854	.019745	.019392	.021834		
Material Cost		1.150058	.331512	.335062	.595685	.527493	.212156	.205366	.248392		
Equipment Hours		.054862	.024340	.014889	.012852	.017606	.015967	.014722	.017561		
Years		49									
Labor Hours		.021584	.017928	.038117	.031325	.027303	.029689	.026553	.023927		
Material Cost		.399836	.164906	.331392	.353650	.501449	.426298	.619991	.437615		
Equipment Hours		.016171	.014897	.032328	.023096	.018887	.020798	.018125	.017312		
Years		57									
Labor Hours		.040914	.019518	.018087	.018226	.036791	.026374	.080748	.020722		
Material Cost		.787587	.512089	.544294	.327744	.814730	.288195	.626785	.381833		
Equipment Hours		.025664	.014569	.013660	.014381	.031929	.020569	.045060	.015942		
Years		65									
Labor Hours		.023310	.024128	.031118	.081797	.018989	.017230	.038086	.021224		
Material Cost		.386382	.502340	.502612	.208597	.319447	.427345	.956433	.533117		
Equipment Hours		.016575	.018214	.016467	.015249	.014633	.012947	.030219	.015545		
Years		73									
Labor Hours		.030426	.025918	.032354	.042688	.018292	.028799	.028409	.027535		
Material Cost		.738084	.666787	.536064	.334268	.174588	.327336	.764544	.328036		
Equipment Hours		.022064	.018803	.021268	.029032	.014876	.020458	.019076	.018603		

BOWLING CENTER

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0300000 Roofing		2 17								
Years			1	2	3	4	5	6	7	8
Labor Hours			.002641	.004112	.004685	.004589	.004107	.004542	.004589	.004355
Material Cost			.015205	.026809	.031530	.026809	.029572	.027975	.026809	.026809
Equipment Hours			.001320	.002056	.002343	.002295	.002054	.002271	.002295	.002178
Years			9	10	11	12	13	14	15	16
Labor Hours			.004420	.005054	.004233	.004222	.004354	.008513	.013413	.004711
Material Cost			.026809	.029572	.027975	.027249	.026809	.140512	.247976	.027975
Equipment Hours			.002210	.002527	.002117	.004212	.002177	.004257	.006707	.002356
Years			17	18	19	20	21	22	23	24
Labor Hours			.004920	.005002	.013640	.004685	.004477	.004589	.004685	.004798
Material Cost			.031530	.030924	.144332	.031530	.045055	.026809	.031530	.035336
Equipment Hours			.002460	.002501	.006820	.002343	.003238	.002295	.002343	.002399
Years			25	26	27	28	29	30	31	32
Labor Hours			.005133	.012799	.012695	.012612	.012938	.004342	.004572	.066505
Material Cost			.026809	.137768	.137782	.133048	.142305	.026809	.032680	.365362
Equipment Hours			.002567	.006400	.006348	.006306	.006469	.002171	.002287	.033253
Years			33	34	35	36	37	38	39	40
Labor Hours			.004877	.005049	.005063	.004192	.004527	.016378	.008151	.008249
Material Cost			.029587	.037121	.026809	.026833	.035475	.216277	.132305	.135791
Equipment Hours			.002439	.002525	.002532	.002097	.002264	.008189	.004076	.004125
Years			41	42	43	44	45	46	47	48
Labor Hours			.008898	.004040	.009663	.005222	.004758	.004915	.005801	.003879
Material Cost			.132258	.028583	.147257	.030883	.031020	.031530	.034811	.026809
Equipment Hours			.004449	.002020	.004832	.002611	.002379	.002458	.002901	.001940
Years			49	50	51	52	53	54	55	56
Labor Hours			.005314	.004121	.004110	.014119	.013087	.012756	.004455	.005354
Material Cost			.035672	.024729	.026809	.145430	.141346	.138812	.026851	.031571
Equipment Hours			.002657	.002061	.002055	.007060	.006544	.006378	.002228	.002677
Years			57	58	59	60	61	62	63	64
Labor Hours			.021046	.004341	.004850	.004179	.004817	.004507	.066599	.005027
Material Cost			.248093	.028016	.031530	.026809	.029572	.028335	.370083	.032416
Equipment Hours			.010523	.002171	.002425	.002090	.002409	.002254	.033300	.002514
Years			65	66	67	68	69	70	71	72
Labor Hours			.008410	.008733	.008357	.004529	.004851	.004342	.008657	.004600
Material Cost			.135011	.135806	.132249	.027975	.026982	.029572	.138220	.026818
Equipment Hours			.004205	.004367	.004179	.002265	.002426	.002171	.004329	.002301
Years			73	74	75	76	77	78	79	80
Labor Hours			.005448	.004842	.016575	.004642	.004758	.013195	.012837	.012364
Material Cost			.036801	.035378	.216236	.031571	.030960	.134204	.141337	.135810
Equipment Hours			.002724	.002421	.008288	.002321	.002379	.006598	.006419	.006182

BOWLING CENTER

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0400000 Exterior Closure								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000006	.000010	.000014	.000092	.000090	.001779	.00150	.000462
Material Cost	.000043	.000067	.000105	.000579	.000634	.005411	.000598	.002669
Equipment Hours	.000006	.000010	.000014	.000092	.000090	.001779	.00150	.000462
Years	9	10	11	12	13	14	15	16
Labor Hours	.000112	.000108	.000998	.000221	.000586	.000205	.000588	.002004
Material Cost	.002828	.004024	.015594	.004417	.005023	.005191	.007035	.008711
Equipment Hours	.000112	.000108	.000998	.000221	.000586	.000205	.000588	.002004
Years	17	18	19	20	21	22	23	24
Labor Hours	.001024	.000077	.000447	.000211	.010023	.000406	.000445	.002773
Material Cost	.004350	.002525	.003525	.004045	.024145	.004782	.003445	.006663
Equipment Hours	.001024	.000077	.000447	.000211	.010023	.000406	.000445	.002773
Years	25	26	27	28	29	30	31	32
Labor Hours	.000580	.002060	.002458	.000177	.000326	.000253	.004995	.000239
Material Cost	.005981	.009702	.006607	.002001	.003594	.004992	.015436	.006217
Equipment Hours	.000580	.002060	.002458	.000177	.000326	.000253	.004995	.000239
Years	33	34	35	36	37	38	39	40
Labor Hours	.000245	.001097	.000440	.001920	.000704	.000374	.000175	.000199
Material Cost	.005182	.010180	.003585	.011506	.005457	.005371	.002904	.004258
Equipment Hours	.000245	.001097	.000440	.001920	.000704	.000374	.000175	.000199
Years	41	42	43	44	45	46	47	48
Labor Hours	.005557	.002686	.000312	.000217	.002464	.001875	.000566	.002462
Material Cost	.014053	.012244	.004987	.004005	.005825	.009881	.004520	.006185
Equipment Hours	.005557	.002686	.000312	.000217	.002464	.001875	.000566	.002462
Years	49	50	51	52	53	54	55	56
Labor Hours	.000565	.000298	.007374	.000351	.000127	.000448	.000139	.001755
Material Cost	.007737	.009036	.015820	.005720	.004006	.007122	.006971	.011046
Equipment Hours	.000565	.000298	.007374	.000351	.000127	.000448	.000139	.001755
Years	57	58	59	60	61	62	63	64
Labor Hours	.000611	.000363	.000245	.000468	.005724	.002681	.000109	.000403
Material Cost	.008491	.008070	.011256	.006990	.015785	.010869	.007043	.007215
Equipment Hours	.000611	.000363	.000245	.000468	.005724	.002681	.000109	.000403
Years	65	66	67	68	69	70	71	72
Labor Hours	.000344	.001749	.001227	.002367	.000218	.000220	.007599	.000501
Material Cost	.004470	.009939	.012424	.007959	.011719	.011364	.020040	.006842
Equipment Hours	.000344	.001749	.001227	.002367	.000218	.000220	.007599	.000501
Years	73	74	75	76	77	78	79	80
Labor Hours	.000742	.002486	.000361	.001970	.000321	.000669	.000333	.000135
Material Cost	.011514	.014603	.008680	.014488	.003954	.005560	.004358	.003893
Equipment Hours	.000742	.002486	.000361	.001970	.000321	.000669	.000333	.000135

BOWLING CENTER		Resources Per Square Foot									
Task	Description	UM	TD	1	2	3	4	5	6	7	8
0500000	Interior Construction										
Years											
Labor Hours	.000005	.000008	.000016	.000254	.000256	.000048	.000059	.000348			
Material Cost	.000181	.000318	.000340	.001119	.003144	.000173	.000173	.000378			
Equipment Hours	.000005	.000008	.000016	.000254	.000256	.000048	.000059	.000348			
Years											
Labor Hours	.000405	.000154	.000165	.000381	.000357	.000140	.000525	.000341			
Material Cost	.017740	.010073	.008495	.011732	.011107	.008503	.014985	.005759			
Equipment Hours	.000359	.000154	.000165	.000381	.000357	.000140	.000398	.000341			
Years											
Labor Hours	.000330	.000349	.000713	.000319	.000301	.000510	.000153	.000354			
Material Cost	.012856	.007825	.016129	.009452	.007124	.015621	.009082	.012305			
Equipment Hours	.000283	.000222	.000404	.000319	.000301	.000382	.000153	.000354			
Years											
Labor Hours	.000470	.000188	.000190	.000327	.000420	.000121	.000296	.000435			
Material Cost	.019025	.010725	.010322	.006968	.009245	.004696	.012334	.013660			
Equipment Hours	.000424	.000188	.000190	.000327	.000420	.000121	.000296	.000435			
Years											
Labor Hours	.001522	.000283	.000265	.000849	.000719	.000457	.000149	.000515			
Material Cost	.027037	.013544	.011590	.025507	.018529	.015299	.005491	.018463			
Equipment Hours	.000932	.000283	.000265	.000722	.000497	.000370	.000149	.000387			
Years											
Labor Hours	.000288	.000128	.000317	.000247	.000374	.000308	.000161	.001188			
Material Cost	.016165	.002585	.009804	.005151	.009439	.009783	.007183	.011205			
Equipment Hours	.000242	.000128	.000317	.000247	.000374	.000308	.000161	.000772			
Years											
Labor Hours	.000438	.000358	.000316	.000394	.000319	.000437	.000666	.000425			
Material Cost	.019615	.013787	.018126	.017277	.012758	.014136	.022392	.011468			
Equipment Hours	.000392	.000358	.001648	.000394	.000319	.000310	.000444	.000338			
Years											
Labor Hours	.000817	.000522	.000240	.000319	.000352	.000260	.001024	.000469			
Material Cost	.024617	.019950	.011447	.013784	.012276	.015339	.012818	.014749			
Equipment Hours	.000552	.000394	.000240	.000319	.000352	.000260	.000608	.000469			
Years											
Labor Hours	.000442	.000312	.000117	.000363	.000581	.000445	.000265	.000700			
Material Cost	.018451	.014223	.008718	.010160	.012731	.010441	.013822	.018644			
Equipment Hours	.000396	.000312	.000117	.000363	.000453	.000226	.000265	.000573			
Years											
Labor Hours	.001004	.000341	.000257	.000730	.000420	.000267	.000242	.000282			
Material Cost	.036101	.014699	.018529	.018290	.013244	.011374	.014905	.009049			
Equipment Hours	.000735	.000254	.000257	.000603	.000420	.000267	.000242	.000282			

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BOWLING CENTER

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes	UM TD	2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000449	.001558	.001558	.001654	.001669	.002214	.003038	.003411
Material Cost	.003667	.014682	.014682	.017386	.017370	.020924	.060400	.061065
Equipment Hours	.000449	.001558	.001558	.001654	.001669	.002214	.002369	.002741
Years	9	10	11	12	13	14	15	16
Labor Hours	.004477	.003935	.010014	.003778	.001809	.003253	.003961	.004433
Material Cost	.102263	.029595	.056583	.027554	.015699	.024327	.093287	.065045
Equipment Hours	.003184	.003935	.010014	.003778	.001809	.003253	.002867	.003763
Years	17	18	19	20	21	22	23	24
Labor Hours	.004327	.003434	.007697	.002200	.013031	.005096	.003538	.004858
Material Cost	.101476	.060293	.250862	.020044	.104043	.060334	.059651	.077880
Equipment Hours	.003033	.003009	.004781	.002200	.013000	.004672	.002869	.004189
Years	25	26	27	28	29	30	31	32
Labor Hours	.004899	.005727	.001756	.002467	.002797	.002361	.012468	.003525
Material Cost	.103429	.030888	.023269	.021423	.019095	.024945	.135289	.062838
Equipment Hours	.003606	.005727	.001755	.002467	.002797	.002339	.011664	.002856
Years	33	34	35	36	37	38	39	40
Labor Hours	.005898	.003305	.005185	.004655	.004339	.005337	.003036	.004307
Material Cost	.145539	.029754	.199828	.062163	.195831	.090800	.058492	.093876
Equipment Hours	.004150	.003285	.003435	.004231	.004039	.004722	.002366	.003213
Years	41	42	43	44	45	46	47	48
Labor Hours	.057134	.020782	.001833	.001936	.005347	.003022	.003758	.004756
Material Cost	.604727	.193875	.015249	.027194	.208306	.029790	.062793	.068745
Equipment Hours	.032575	.011694	.001833	.001936	.003566	.002991	.003089	.004087
Years	49	50	51	52	53	54	55	56
Labor Hours	.004701	.004214	.013399	.006942	.001690	.005007	.011157	.004598
Material Cost	.103935	.027083	.102347	.043260	.015629	.038195	.421632	.118501
Equipment Hours	.003408	.004214	.012268	.006942	.001690	.004582	.006437	.003314
Years	57	58	59	60	61	62	63	64
Labor Hours	.004507	.003535	.002698	.002344	.012097	.005791	.003767	.005019
Material Cost	.108536	.067526	.020891	.025623	.12624	.036212	.065501	.085633
Equipment Hours	.003193	.003080	.002247	.002323	.011963	.005791	.003098	.004329
Years	65	66	67	68	69	70	71	72
Labor Hours	.004244	.003613	.003097	.001866	.002725	.003159	.011338	.004516
Material Cost	.100907	.026685	.249917	.017512	.050927	.257071	.557226	.096139
Equipment Hours	.002951	.003613	.002417	.001866	.002300	.002449	.009290	.003422
Years	73	74	75	76	77	78	79	80
Labor Hours	.012351	.004836	.005631	.009003	.002731	.005119	.003936	.004402
Material Cost	.483386	.315390	.200417	.075706	.00244	.040006	.059477	.063566
Equipment Hours	.008169	.005073	.003881	.007243	.002731	.004617	.003266	.003264

BOWLING CENTER

Resources Per Square Foot

Task Description	UM ID	2	3	4	5	6	7	8
0800000 Plumbing								
Years	1							
Labor Hours	.000107	.000748	.001110	.001415	.001896	.001913	.001522	.002327
Material Cost	.000064	.000393	.000719	.001839	.001517	.002402	.003962	.021665
Equipment Hours	.000107	.000748	.001110	.001415	.001896	.001913	.001522	.002327
Years	9							
Labor Hours	.002420	.002255	.002268	.002082	.002448	.001812	.002236	.002575
Material Cost	.040883	.031470	.051950	.028092	.033992	.011192	.016395	.042717
Equipment Hours	.002394	.002246	.002206	.002072	.002265	.001803	.002206	.002545
Years	17							
Labor Hours	.001869	.001678	.001766	.002483	.004389	.001684	.001739	.001776
Material Cost	.012038	.027776	.049143	.039974	.072600	.032964	.031390	.004671
Equipment Hours	.001869	.001678	.001740	.002464	.004142	.001674	.001709	.001776
Years	25							
Labor Hours	.002635	.002329	.004214	.002303	.002464	.002385	.002526	.002731
Material Cost	.024390	.013005	.041119	.033662	.051972	.040852	.063846	.072585
Equipment Hours	.002478	.002113	.002950	.002236	.002375	.002333	.002441	.002623
Years	33							
Labor Hours	.002724	.001779	.002032	.001874	.001979	.001891	.001823	.003271
Material Cost	.043991	.019416	.030743	.020671	.033234	.042117	.053071	.051087
Equipment Hours	.002492	.001717	.001925	.001809	.001767	.001790	.001695	.002525
Years	41							
Labor Hours	.006803	.003000	.001757	.001974	.002607	.002602	.002292	.002251
Material Cost	.083546	.048042	.076145	.015906	.021868	.020225	.043498	.030145
Equipment Hours	.004984	.002261	.001682	.001933	.002419	.002426	.002142	.002236
Years	49							
Labor Hours	.002612	.002319	.002598	.002151	.003305	.003280	.002158	.002368
Material Cost	.059558	.040513	.063714	.031927	.047763	.020808	.017502	.012704
Equipment Hours	.002423	.002266	.002344	.002119	.002763	.002621	.002198	.002368
Years	57							
Labor Hours	.001814	.002051	.001812	.002295	.004179	.001912	.001908	.002028
Material Cost	.009749	.032648	.045870	.034359	.072530	.060582	.042329	.018439
Equipment Hours	.001814	.001892	.001742	.002285	.003987	.001839	.001802	.001966
Years	65							
Labor Hours	.002488	.002134	.003243	.002474	.002219	.002377	.002227	.002153
Material Cost	.027262	.018790	.027649	.040643	.048630	.054271	.065878	.039952
Equipment Hours	.002424	.002101	.002543	.002399	.002159	.002121	.001946	.002089
Years	73							
Labor Hours	.002704	.001952	.002256	.014194	.002041	.001945	.002910	.003390
Material Cost	.047653	.016143	.021772	.046368	.040804	.040460	.067597	.047437
Equipment Hours	.002423	.001863	.002171	.008247	.001945	.001838	.002295	.002701

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Resources Per Square Foot

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BOWLING CENTER

Resources Per Square Foot

Task Description	1200000 Special Inter. Electr. System	UM ID	2	2
Years	1	2	3	4
Labor Hours	.000738	.000816	.000759	.000823
Material Cost	.000000	.000000	.000196	.001569
Equipment Hours	.000738	.000816	.000759	.000823
Years	9	10	11	12
Labor Hours	.000783	.000840	.000837	.000798
Material Cost	.002380	.003341	.002348	.002773
Equipment Hours	.000783	.000840	.000837	.000798
Years	17	18	19	20
Labor Hours	.000829	.000804	.000836	.000796
Material Cost	.001902	.008714	.002680	.004449
Equipment Hours	.000829	.000804	.000836	.000796
Years	25	26	27	28
Labor Hours	.000841	.000788	.000863	.000797
Material Cost	.003506	.002747	.002674	.008530
Equipment Hours	.000841	.000788	.000863	.000797
Years	33	34	35	36
Labor Hours	.000858	.000805	.000850	.000777
Material Cost	.008762	.002966	.003812	.002721
Equipment Hours	.000858	.000805	.000850	.000777
Years	41	42	43	44
Labor Hours	.000836	.000797	.000846	.000788
Material Cost	.002613	.002394	.008530	.002664
Equipment Hours	.000836	.000797	.000846	.000788
Years	49	50	51	52
Labor Hours	.000845	.000786	.000832	.000793
Material Cost	.002686	.003433	.002342	.002082
Equipment Hours	.000845	.000786	.000832	.000793
Years	57	58	59	60
Labor Hours	.000862	.000823	.000851	.000781
Material Cost	.002428	.008611	.002685	.003183
Equipment Hours	.000862	.000823	.000851	.000781
Years	65	66	67	68
Labor Hours	.000840	.000784	.000860	.000800
Material Cost	.003798	.002741	.002376	.008726
Equipment Hours	.000840	.000784	.000860	.000800
Years	73	74	75	76
Labor Hours	.000863	.000808	.000853	.000789
Material Cost	.008577	.002970	.003330	.009392
Equipment Hours	.000863	.000808	.000853	.000789
Years	81	82	83	84
Labor Hours	.000791	.000791	.000791	.000791
Material Cost	.002191	.002191	.002191	.002191
Equipment Hours	.000791	.000791	.000791	.000791
Years	15	16	17	18
Labor Hours	.000839	.000839	.000839	.000839
Material Cost	.003716	.003716	.003716	.003716
Equipment Hours	.000839	.000839	.000839	.000839
Years	23	24	25	26
Labor Hours	.000790	.000790	.000790	.000790
Material Cost	.002962	.002962	.002962	.002962
Equipment Hours	.000790	.000790	.000790	.000790
Years	31	32	33	34
Labor Hours	.000844	.000844	.000844	.000844
Material Cost	.009014	.009014	.009014	.009014
Equipment Hours	.000844	.000844	.000844	.000844
Years	39	40	41	42
Labor Hours	.000854	.000854	.000854	.000854
Material Cost	.002983	.002983	.002983	.002983
Equipment Hours	.000854	.000854	.000854	.000854
Years	47	48	49	50
Labor Hours	.000791	.000791	.000791	.000791
Material Cost	.008714	.008714	.008714	.008714
Equipment Hours	.000791	.000791	.000791	.000791
Years	55	56	57	58
Labor Hours	.000856	.000856	.000856	.000856
Material Cost	.003527	.003527	.003527	.003527
Equipment Hours	.000856	.000856	.000856	.000856
Years	63	64	65	66
Labor Hours	.000841	.000841	.000841	.000841
Material Cost	.008714	.008714	.008714	.008714
Equipment Hours	.000841	.000841	.000841	.000841
Years	71	72	73	74
Labor Hours	.000837	.000837	.000837	.000837
Material Cost	.002348	.002348	.002348	.002348
Equipment Hours	.000837	.000837	.000837	.000837
Years	79	80	81	82
Labor Hours	.000843	.000843	.000843	.000843
Material Cost	.002673	.002673	.002673	.002673
Equipment Hours	.000843	.000843	.000843	.000843

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UM = Unit of Measure ID
TD = Trade ID

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CHILD SUPPORT CENTER
Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0000000 Total Summary		2	1							
Years	1	2	3	4	5	6	7	8		
Labor Hours	.009274	.020315	.023616	.029503	.033221	.028978	.033159	.045189		
Material Cost	.030390	.059603	.078708	.114612	.161910	.145185	.213549	.514011		
Equipment Hours	.008129	.017214	.019661	.025831	.029755	.025068	.028662	.037581		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.049943	.038531	.037698	.039300	.036842	.036634	.049055	.054276		
Material Cost	.678049	.448661	.453363	.617850	.390010	.475498	.746749	.926957		
Equipment Hours	.040566	.032708	.033721	.035051	.033419	.031867	.041742	.043148		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.050434	.048792	.043712	.056164	.060678	.045095	.041187	.057114		
Material Cost	.611636	.725928	.658180	.648106	.926157	.672786	.620113	.702121		
Equipment Hours	.042631	.039573	.035525	.046610	.049756	.038341	.035161	.047036		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.054685	.043677	.197050	.045082	.045662	.206265	.040799	.057665		
Material Cost	.749811	.479085	1.413099	.741122	.625906	1.827123	.727873	1.223511		
Equipment Hours	.045628	.038278	.112800	.038718	.040100	.115871	.035308	.046924		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.055084	.046791	.043914	.051577	.052151	.047957	.052030	.062472		
Material Cost	1.208295	1.002833	.613725	.898705	.686797	.610402	.965239	1.056353		
Equipment Hours	.043590	.038169	.038957	.043860	.043819	.040799	.041799	.048588		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.048834	.064739	.040351	.051602	.048809	.041908	.047613	.053161		
Material Cost	.781100	.955429	.522312	.600173	.491242	.470451	.616134	.786321		
Equipment Hours	.038731	.048268	.035658	.045522	.044322	.036248	.039834	.043968		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.054269	.054775	.047657	.048166	.042503	.041957	.203244	.057548		
Material Cost	1.093848	.722277	.741982	.875887	.471893	.725536	1.391312	.988292		
Equipment Hours	.043044	.044027	.040968	.040586	.037909	.034303	.120947	.045231		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.061361	.207036	.048747	.054489	.045119	.047452	.042265	.061012		
Material Cost	1.166101	1.841717	.880426	.728796	.699274	.708789	.855483	1.046735		
Equipment Hours	.048871	.120156	.039856	.047177	.038795	.039544	.035589	.049754		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.055277	.041475	.040606	.044836	.045523	.054898	.040845	.057224		
Material Cost	.806284	.556686	.515243	.548741	.818752	.878827	.646239	1.171909		
Equipment Hours	.045586	.035819	.034358	.039641	.037224	.042090	.035270	.046359		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.077428	.047855	.052369	.050245	.053773	.041656	.048200	.061052		
Material Cost	1.086582	.684413	.999322	.663038	.658282	.479017	.798927	.900867		
Equipment Hours	.058988	.038549	.043416	.042814	.046789	.036401	.039097	.048464		

CHILD SUPPORT CENTER
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing								
Years								
Labor Hours	.002290	.003784	.005211	.004504	.004374	.005107	.004431	.003829
Material Cost	.013949	.026999	.034090	.026999	.033821	.033378	.026999	.026999
Equipment Hours	.001145	.001892	.002605	.002252	.002187	.002554	.002216	.001914
Years								
Labor Hours	.007350	.006842	.004651	.004515	.003885	.004800	.005751	.004535
Material Cost	.062528	.071196	.030468	.026999	.026999	.031523	.039832	.029935
Equipment Hours	.003676	.003421	.002325	.002257	.001943	.002400	.002876	.002267
Years								
Labor Hours	.004505	.009450	.011505	.015860	.011699	.007382	.004885	.004413
Material Cost	.028080	.069611	.131243	.166590	.130727	.064957	.031523	.035681
Equipment Hours	.002252	.004725	.005753	.007931	.005849	.003691	.002443	.002207
Years								
Labor Hours	.005163	.004722	.016804	.007245	.006970	.160516	.004761	.004647
Material Cost	.030378	.029977	.880344	.070677	.067052	.882173	.029935	.032770
Equipment Hours	.002582	.002361	.080402	.003623	.003485	.080258	.002380	.002324
Years								
Labor Hours	.005069	.004847	.004952	.006796	.011069	.009045	.008161	.008460
Material Cost	.032827	.029909	.029846	.072772	.128898	.101957	.096056	.092065
Equipment Hours	.002535	.002424	.002476	.003398	.005534	.004523	.004081	.004230
Years								
Labor Hours	.006669	.013117	.005193	.007802	.004735	.007139	.009303	.005110
Material Cost	.064555	.164557	.033352	.092597	.029846	.064665	.087785	.037294
Equipment Hours	.003334	.006558	.002597	.003901	.002367	.003570	.004652	.002555
Years								
Labor Hours	.007470	.004448	.005237	.004365	.004627	.004714	.163483	.008785
Material Cost	.048307	.029846	.032579	.030975	.029651	.032237	.917942	.089721
Equipment Hours	.003735	.002224	.002619	.002183	.002313	.002357	.081142	.004393
Years								
Labor Hours	.006492	.162388	.007447	.010356	.007658	.010902	.004925	.006629
Material Cost	.051746	.907440	.066037	.105762	.070298	.111500	.028080	.068006
Equipment Hours	.003346	.081194	.003724	.005178	.003829	.005451	.002462	.003315
Years								
Labor Hours	.006798	.005080	.004285	.004553	.004489	.004783	.004958	.003991
Material Cost	.064843	.033953	.030442	.028037	.028080	.030378	.032872	.028037
Equipment Hours	.003399	.002540	.002143	.002277	.002244	.002392	.002479	.001996
Years								
Labor Hours	.009278	.009727	.006909	.008009	.008887	.006255	.008592	.009088
Material Cost	.100366	.088543	.069274	.054196	.093103	.068755	.093678	.098418
Equipment Hours	.004639	.004864	.003454	.004005	.004444	.003128	.004296	.004545

CHILD SUPPORT CENTER
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0400000 Exterior Closure		UM TD 2 1						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000240	.000383	.000464	.001708	.003778	.002997	.005800	.005529
Material Cost	.000785	.001233	.001327	.004975	.010765	.009269	.015522	.022717
Equipment Hours	.000240	.000383	.000464	.001708	.003778	.002997	.005800	.005529
Years	9	10	11	12	13	14	15	16
Labor Hours	.004751	.004793	.006274	.005123	.002707	.003393	.008281	.004969
Material Cost	.033375	.033775	.042541	.036750	.035487	.032409	.044934	.022853
Equipment Hours	.004751	.004793	.006274	.005123	.002707	.003393	.008281	.004969
Years	17	18	19	20	21	22	23	24
Labor Hours	.005311	.005364	.005858	.005622	.006952	.009109	.004388	.007095
Material Cost	.019917	.020074	.027808	.045361	.042824	.046394	.037865	.042656
Equipment Hours	.005311	.005364	.005858	.005622	.006952	.009109	.004388	.007095
Years	25	26	27	28	29	30	31	32
Labor Hours	.004676	.010336	.005268	.005491	.004596	.004931	.003979	.008673
Material Cost	.031959	.050211	.024416	.025951	.040196	.037349	.064451	.073355
Equipment Hours	.004676	.010336	.005268	.005491	.004596	.004931	.003979	.008673
Years	33	34	35	36	37	38	39	40
Labor Hours	.004923	.006367	.005769	.006372	.004925	.004261	.006823	.004236
Material Cost	.068296	.074339	.070541	.067977	.058799	.052561	.054036	.048877
Equipment Hours	.004923	.006367	.005769	.006372	.004925	.004261	.006823	.004236
Years	41	42	43	44	45	46	47	48
Labor Hours	.005208	.006541	.004819	.008060	.009574	.007863	.008358	.010040
Material Cost	.027552	.079338	.062931	.092897	.088100	.097878	.091413	.109534
Equipment Hours	.005208	.006541	.004819	.008060	.009574	.007863	.008358	.010040
Years	49	50	51	52	53	54	55	56
Labor Hours	.004067	.009014	.009878	.005655	.006133	.003213	.007957	.005183
Material Cost	.091653	.099707	.052746	.037875	.046398	.028376	.052644	.044834
Equipment Hours	.004067	.009014	.009878	.005655	.006133	.003213	.007957	.005183
Years	57	58	59	60	61	62	63	64
Labor Hours	.004497	.004580	.007562	.006600	.005605	.004946	.003530	.006172
Material Cost	.045260	.041788	.057857	.049398	.051162	.045419	.036418	.049195
Equipment Hours	.004497	.004580	.007562	.006600	.005605	.004946	.003530	.006172
Years	65	66	67	68	69	70	71	72
Labor Hours	.004082	.008607	.004435	.007448	.004185	.006736	.007859	.006753
Material Cost	.048572	.064319	.051232	.066734	.052834	.071044	.089973	.069580
Equipment Hours	.004082	.008607	.004435	.007448	.004185	.006736	.007859	.006753
Years	73	74	75	76	77	78	79	80
Labor Hours	.009493	.006006	.007627	.006232	.006954	.004188	.007058	.005663
Material Cost	.076832	.069318	.081180	.067130	.070459	.046980	.062747	.060771
Equipment Hours	.009493	.006006	.007627	.006232	.006954	.004188	.007058	.005663

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 UM = Unit of Measure ID
 TD = Trade ID

CHILD SUPPORT CENTER

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0500000 Interior Construction										
Years	1	2	3	4	5	6	7	8		
Labor Hours	.000111	.000020	.000070	.002666	.002968	.000420	.000578	.003398		
Material Cost	.000089	.000169	.000312	.008279	.040079	.030840	.032728	.043759		
Equipment Hours	.000011	.000020	.000070	.002666	.002968	.000420	.000578	.003398		
Years	9	10	11	12	13	14	15	16		
Labor Hours	.003477	.000958	.001169	.003642	.003399	.001046	.001838	.004272		
Material Cost	.081636	.068236	.076686	.089926	.082122	.072482	.081737	.071638		
Equipment Hours	.003477	.000958	.001169	.003642	.003399	.001046	.001627	.003622		
Years	17	18	19	20	21	22	23	24		
Labor Hours	.002885	.001110	.000994	.003401	.004775	.001906	.001066	.003390		
Material Cost	.042688	.051863	.048312	.082154	.111072	.086118	.077767	.082149		
Equipment Hours	.002885	.000899	.000871	.003401	.004125	.001694	.001066	.003390		
Years	25	26	27	28	29	30	31	32		
Labor Hours	.004054	.002201	.001280	.003924	.004247	.001457	.002537	.004086		
Material Cost	.103592	.112451	.075003	.092416	.089534	.082833	.145585	.157182		
Equipment Hours	.004054	.002201	.001280	.003924	.004247	.001457	.002537	.004086		
Years	33	34	35	36	37	38	39	40		
Labor Hours	.003531	.004588	.003674	.004605	.004185	.003295	.004584	.002549		
Material Cost	.120032	.143045	.137995	.158434	.141885	.107152	.140274	.112967		
Equipment Hours	.003320	.003937	.003674	.004394	.003843	.003172	.003934	.002338		
Years	41	42	43	44	45	46	47	48		
Labor Hours	.001234	.002415	.002648	.002585	.002335	.002530	.002551	.002473		
Material Cost	.062553	.070099	.062844	.072572	.066944	.076704	.069024	.071768		
Equipment Hours	.001234	.002415	.002648	.002585	.002335	.002530	.002551	.002473		
Years	49	50	51	52	53	54	55	56		
Labor Hours	.002840	.003142	.002830	.003812	.002166	.002741	.003082	.002841		
Material Cost	.109802	.102687	.089949	.104542	.078917	.087009	.111393	.096092		
Equipment Hours	.002840	.003142	.002819	.003162	.002166	.002529	.003082	.002718		
Years	57	58	59	60	61	62	63	64		
Labor Hours	.004064	.003237	.003387	.002924	.002955	.001902	.001433	.004253		
Material Cost	.113854	.096474	.085808	.119438	.114158	.111784	.083329	.099627		
Equipment Hours	.003414	.003026	.003045	.002924	.002955	.001902	.001433	.004253		
Years	65	66	67	68	69	70	71	72		
Labor Hours	.004376	.002113	.001393	.003982	.004486	.002740	.001989	.004769		
Material Cost	.125289	.122631	.085258	.096221	.105152	.108198	.102244	.121669		
Equipment Hours	.004376	.002113	.001393	.003982	.004275	.002090	.001989	.004558		
Years	73	74	75	76	77	78	79	80		
Labor Hours	.003958	.001925	.002815	.004755	.004513	.001366	.001348	.002730		
Material Cost	.102643	.109718	.12912	.120161	.110291	.064883	.068883	.076643		
Equipment Hours	.003958	.001802	.002166	.004544	.004513	.001366	.001348	.002730		

CHILD SUPPORT CENTER
Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.002556	.004761	.004761	.005028	.005026	.004839	.006523	.013720
Material Cost	.010970	.020415	.020415	.025003	.024909	.021151	.077874	.289242
Equipment Hours	.002556	.004761	.004761	.005028	.005026	.004839	.005642	.009464
Years	9	10	11	12	13	14	15	16
Labor Hours	.013330	.006644	.006609	.005028	.005988	.006737	.009530	.019664
Material Cost	.288513	.090909	.028686	.025003	.031236	.068049	.235710	.589026
Equipment Hours	.009226	.007763	.006609	.005028	.005988	.006137	.007554	.012939
Years	17	18	19	20	21	22	23	24
Labor Hours	.016822	.01407	.006242	.009781	.013475	.008298	.012132	.018123
Material Cost	.284325	.28057	.060178	.030840	.330972	.176415	.130883	.292865
Equipment Hours	.012710	.012150	.005788	.009781	.011006	.007202	.010671	.013866
Years	25	26	27	28	29	30	31	32
Labor Hours	.013802	.007162	.006506	.006975	.005045	.005483	.008943	.014435
Material Cost	.281111	.082308	.033186	.210439	.025358	.023904	.112681	.332679
Equipment Hours	.009690	.006981	.006506	.006293	.005045	.005483	.008062	.009599
Years	33	34	35	36	37	38	39	40
Labor Hours	.016539	.011461	.006004	.010617	.009148	.011318	.012422	.021035
Material Cost	.613000	.377466	.024164	.229373	.033716	.060995	.383793	.451453
Equipment Hours	.010650	.001111	.006004	.008941	.009148	.010864	.009073	.015683
Years	41	42	43	44	45	46	47	48
Labor Hours	.014881	.018275	.008394	.009506	.005233	.005345	.007372	.014090
Material Cost	.327138	.151192	.025791	.028813	.031455	.026327	.082564	.290516
Equipment Hours	.010189	.013178	.008394	.009506	.005233	.005345	.006491	.009834
Years	49	50	51	52	53	54	55	56
Labor Hours	.013947	.001220	.008046	.011516	.005599	.008113	.006950	.015528
Material Cost	.284702	.128997	.179472	.331195	.029512	.220413	.078887	.323840
Equipment Hours	.009835	.007760	.006951	.009047	.005599	.006437	.006069	.010818
Years	57	58	59	60	61	62	63	64
Labor Hours	.021410	.014909	.006208	.010597	.007527	.010601	.012396	.018706
Material Cost	.583640	.415184	.068171	.033576	.058587	.030763	.268466	.298776
Equipment Hours	.014829	.012251	.005628	.010597	.007527	.010601	.010834	.014450
Years	65	66	67	68	69	70	71	72
Labor Hours	.013005	.006523	.005484	.007363	.007363	.010421	.006644	.017676
Material Cost	.278824	.077874	.023904	.118444	.183599	.323496	.078490	.491857
Equipment Hours	.008893	.005642	.005484	.006234	.006267	.007952	.005763	.011743
Years	73	74	75	76	77	78	79	80
Labor Hours	.031578	.008247	.010515	.009410	.009672	.010354	.006669	.017793
Material Cost	.508253	.115769	.322743	.075475	.075479	.025737	.081465	.291627
Equipment Hours	.019680	.006912	.008046	.008314	.009092	.010188	.005788	.013537

CHILD SUPPORT CENTER
 Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0800000 Plumbing		UM TD 2 3						
Years								
Labor Hours	.000292	.001723	.003050	.003909	.004519	.004027	.003962	.005728
Material Cost	.000162	.001083	.002521	.006044	.004338	.004312	.006897	.008356
Equipment Hours	.000292	.001723	.003050	.003909	.004519	.004027	.003962	.005728
Years								
Labor Hours	.006472	.005158	.005108	.006323	.004897	.005579	.009133	.004410
Material Cost	.128699	.118575	.137233	.240285	.073880	.100847	.118140	.049432
Equipment Hours	.006372	.005109	.004931	.005972	.004803	.005402	.008929	.006399
Years								
Labor Hours	.005179	.004449	.005544	.007017	.006667	.005046	.004550	.009088
Material Cost	.085058	.097624	.260720	.160119	.175023	.131372	.084138	.074093
Equipment Hours	.005137	.004449	.005153	.006937	.006182	.004946	.004475	.007338
Years								
Labor Hours	.009807	.004626	.008642	.005881	.006774	.016208	.005851	.008831
Material Cost	.047822	.026924	.184432	.096788	.207251	.257956	.190452	.241990
Equipment Hours	.009645	.004284	.006628	.005672	.006352	.010710	.005402	.007782
Years								
Labor Hours	.007429	.005101	.008146	.004927	.004518	.005207	.005000	.010185
Material Cost	.142981	.165579	.091241	.084513	.081484	.136237	.146349	.176580
Equipment Hours	.006595	.004765	.007862	.004563	.004107	.004834	.004487	.007697
Years								
Labor Hours	.004179	.008359	.004880	.007303	.010323	.005526	.006130	.007341
Material Cost	.134049	.286921	.096845	.126840	.115965	.047923	.117874	.125463
Equipment Hours	.003824	.006274	.004636	.006782	.009887	.005152	.005739	.006604
Years								
Labor Hours	.007939	.015407	.005712	.006521	.006050	.007899	.008696	.007628
Material Cost	.280561	.203664	.150503	.134719	.108342	.078385	.074220	.051627
Equipment Hours	.006598	.010014	.005235	.006366	.005625	.006746	.008696	.006994
Years								
Labor Hours	.004959	.005632	.005480	.007275	.004622	.005486	.004931	.007780
Material Cost	.131374	.093989	.173858	.174741	.125828	.200407	.106513	.171770
Equipment Hours	.004876	.005078	.005288	.007134	.004377	.004993	.004606	.006734
Years								
Labor Hours	.010733	.005494	.010784	.007064	.005642	.015519	.004607	.007336
Material Cost	.117230	.082962	.136482	.126034	.169067	.219269	.178641	.283134
Equipment Hours	.010194	.005183	.008424	.006774	.005100	.009694	.003873	.006016
Years								
Labor Hours	.005595	.007966	.009375	.006244	.005189	.005269	.008773	.009675
Material Cost	.104201	.143320	.126759	.055015	.096183	.107066	.279721	.161057
Equipment Hours	.005207	.006539	.008834	.005729	.004823	.004949	.006948	.007766

CHILD SUPPORT CENTER
 Resources Per Square Foot

Task Description	UM	TD	2	9
0900000 HVAC				
Years	1	2	3	4
Labor Hours	.000936	.005311	.005574	.006879
Material Cost	.003575	.007534	.015373	.030843
Equipment Hours	.000936	.004101	.004225	.005460
Years	9	10	11	12
Labor Hours	.008425	.005967	.006171	.007529
Material Cost	.047410	.025828	.038557	.097737
Equipment Hours	.006936	.004503	.004706	.005900
Years	17	18	19	20
Labor Hours	.008159	.006637	.005982	.007437
Material Cost	.060164	.117620	.036842	.066160
Equipment Hours	.006764	.004917	.004517	.005902
Years	25	26	27	28
Labor Hours	.009521	.006305	.006526	.007700
Material Cost	.191435	.045059	.100461	.101637
Equipment Hours	.007319	.004687	.004758	.006043
Years	33	34	35	36
Labor Hours	.009366	.006333	.007184	.006679
Material Cost	.105049	.037468	.126801	.188372
Equipment Hours	.007340	.004729	.004993	.007619
Years	41	42	43	44
Labor Hours	.008924	.008660	.006684	.009140
Material Cost	.082630	.109627	.155534	.090286
Equipment Hours	.007204	.006427	.004836	.007486
Years	49	50	51	52
Labor Hours	.010826	.006739	.007469	.008399
Material Cost	.178535	.054304	.137511	.130315
Equipment Hours	.008796	.005069	.005187	.006285
Years	57	58	59	60
Labor Hours	.010497	.007228	.009598	.007687
Material Cost	.113059	.127729	.298639	.070828
Equipment Hours	.008728	.005161	.005349	.005955
Years	65	66	67	68
Labor Hours	.008996	.006726	.006714	.007331
Material Cost	.082321	.107134	.104016	.045500
Equipment Hours	.007356	.004809	.004974	.005837
Years	73	74	75	76
Labor Hours	.008668	.005981	.006407	.007525
Material Cost	.066866	.031313	.139402	.064307
Equipment Hours	.007160	.004433	.004579	.005930
Years	81	82	83	84
Labor Hours	.007075	.007009	.007336	.007324
Material Cost	.033132	.024588	.016637	.007324
Equipment Hours	.005642	.004590	.004386	.005076
Years	16	15	14	13
Labor Hours	.007329	.006858	.007937	.008307
Material Cost	.057058	.125668	.063971	.047910
Equipment Hours	.005864	.004812	.006333	.006921
Years	24	23	22	21
Labor Hours	.007774	.006799	.006461	.009760
Material Cost	.105480	.203946	.110193	.071799
Equipment Hours	.005913	.004755	.004805	.008295
Years	32	31	30	29
Labor Hours	.008250	.006775	.009988	.010320
Material Cost	.117122	.062504	.390763	.089440
Equipment Hours	.006217	.005000	.005609	.008667
Years	40	39	38	37
Labor Hours	.007434	.006203	.006534	.009386
Material Cost	.073247	.043719	.066912	.144199
Equipment Hours	.005841	.004568	.004855	.007340
Years	48	47	46	45
Labor Hours	.007507	.006816	.006656	.008697
Material Cost	.059651	.049671	.059966	.066855
Equipment Hours	.005866	.004966	.004947	.007014
Years	56	55	54	53
Labor Hours	.008382	.006346	.007324	.009197
Material Cost	.222215	.044565	.179398	.078009
Equipment Hours	.006126	.004677	.005076	.007348
Years	64	63	62	61
Labor Hours	.010128	.006987	.006666	.009663
Material Cost	.216969	.158652	.068903	.199508
Equipment Hours	.007741	.004951	.004896	.007413
Years	72	71	70	69
Labor Hours	.008556	.006057	.007465	.009566
Material Cost	.053717	.038516	.047525	.201287
Equipment Hours	.007160	.004582	.006000	.007366
Years	80	79	78	77
Labor Hours	.008033	.007131	.006366	.009991
Material Cost	.088358	.086433	.055919	.081798
Equipment Hours	.006165	.005035	.004730	.008397

CHILD SUPPORT CENTER

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000301	.000659	.001026	.001106	.001255	.001774	.002043	.001811
Material Cost	.000000	.000450	.002952	.005148	.004633	.021100	.018841	.021602
Equipment Hours	.000301	.000659	.001026	.001106	.001255	.001767	.002041	.001806
Years	9	10	11	12	13	14	15	16
Labor Hours	.002256	.002078	.003367	.003020	.003330	.003019	.003285	.003231
Material Cost	.020584	.026314	.057522	.060466	.052755	.055957	.055083	.055712
Equipment Hours	.002254	.002071	.003358	.003009	.003330	.003012	.003283	.003221
Years	17	18	19	20	21	22	23	24
Labor Hours	.003472	.003184	.003500	.003186	.003285	.003018	.003297	.003356
Material Cost	.049460	.049434	.048253	.053132	.048164	.037034	.040658	.049248
Equipment Hours	.003472	.003179	.003500	.003176	.003281	.003018	.003292	.003352
Years	25	26	27	28	29	30	31	32
Labor Hours	.003630	.003505	.003728	.003708	.003366	.003533	.003833	.004730
Material Cost	.043722	.091774	.075419	.101776	.057988	.106658	.083957	.210442
Equipment Hours	.003630	.003307	.003662	.003513	.003364	.003275	.003827	.004231
Years	33	34	35	36	37	38	39	40
Labor Hours	.004081	.004178	.003981	.004389	.004691	.004221	.004578	.004537
Material Cost	.087198	.130651	.087360	.082282	.075892	.071273	.079300	.081772
Equipment Hours	.004081	.003920	.003976	.004380	.004691	.004215	.004574	.004527
Years	41	42	43	44	45	46	47	48
Labor Hours	.003502	.003367	.003483	.003169	.003642	.002991	.002961	.002738
Material Cost	.043420	.049266	.044315	.047023	.045527	.060012	.060866	.053036
Equipment Hours	.003502	.003363	.003478	.003165	.003642	.002984	.002955	.002733
Years	49	50	51	52	53	54	55	56
Labor Hours	.003090	.002948	.004282	.003824	.004478	.003948	.004482	.005005
Material Cost	.055678	.059293	.085251	.084105	.088348	.078887	.090569	.121041
Equipment Hours	.003084	.002941	.004276	.003813	.004471	.003940	.004476	.004805
Years	57	58	59	60	61	62	63	64
Labor Hours	.004888	.004829	.004628	.004849	.003113	.003130	.004105	.003567
Material Cost	.087781	.117820	.079766	.130072	.043436	.082267	.135137	.098287
Equipment Hours	.004828	.004634	.004624	.004589	.003113	.002935	.003815	.003313
Years	65	66	67	68	69	70	71	72
Labor Hours	.003291	.002999	.003335	.003116	.003602	.003266	.004339	.003947
Material Cost	.045350	.053208	.061554	.054908	.057624	.059868	.085275	.083063
Equipment Hours	.003291	.002992	.003329	.003110	.003595	.003259	.004333	.003936
Years	73	74	75	76	77	78	79	80
Labor Hours	.004419	.003839	.004229	.004149	.004388	.003910	.004460	.004138
Material Cost	.084697	.077057	.089537	.081122	.072666	.070230	.080568	.079852
Equipment Hours	.004412	.003832	.004218	.004140	.004388	.003905	.004456	.004129

CHILD SUPPORT CENTER

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	2	2	2	2	2	2	2	2
Years	1	2	3	4	5	6	7	8
Labor Hours	.002648	.003674	.003459	.003702	.003488	.004078	.003812	.004100
Material Cost	.000859	.001718	.001718	.007303	.008592	.008497	.010100	.008203
Equipment Hours	.002648	.003674	.003459	.003702	.003488	.004078	.003812	.004100
Years	9	10	11	12	13	14	15	16
Labor Hours	.003874	.004090	.004348	.004122	.004329	.004124	.004380	.003866
Material Cost	.015314	.014928	.041579	.040683	.039622	.050260	.045645	.051305
Equipment Hours	.003874	.004090	.004348	.004122	.004329	.004124	.004380	.003866
Years	17	18	19	20	21	22	23	24
Labor Hours	.004100	.003890	.004086	.003860	.004065	.003875	.004071	.003874
Material Cost	.041945	.039146	.044823	.043751	.015577	.020302	.013333	.019950
Equipment Hours	.004100	.003890	.004086	.003860	.004065	.003875	.004071	.003874
Years	25	26	27	28	29	30	31	32
Labor Hours	.004032	.004121	.004297	.004159	.004344	.004148	.004120	.004012
Material Cost	.019791	.039881	.039818	.041438	.049087	.045487	.037308	.057970
Equipment Hours	.004032	.004121	.004297	.004159	.004344	.004148	.004120	.004012
Years	33	34	35	36	37	38	39	40
Labor Hours	.004146	.003916	.004202	.003993	.004231	.004076	.004260	.004036
Material Cost	.038911	.044376	.045779	.014981	.021924	.013314	.021713	.019412
Equipment Hours	.004146	.003916	.004202	.003993	.004231	.004076	.004260	.004036
Years	41	42	43	44	45	46	47	48
Labor Hours	.004237	.004004	.004251	.004037	.004269	.003859	.004123	.003862
Material Cost	.039203	.040629	.040701	.049147	.045547	.036977	.056936	.039058
Equipment Hours	.004237	.004004	.004251	.004037	.004269	.003859	.004123	.003862
Years	49	50	51	52	53	54	55	56
Labor Hours	.004089	.003863	.004203	.004075	.004254	.004004	.004248	.004196
Material Cost	.044611	.043779	.014952	.022161	.012716	.020830	.021093	.040922
Equipment Hours	.004089	.003863	.004203	.004075	.004254	.004004	.004248	.004196
Years	57	58	59	60	61	62	63	64
Labor Hours	.004353	.004231	.004437	.004200	.003975	.003820	.003958	.003777
Material Cost	.039386	.041294	.050286	.045182	.036299	.057747	.038888	.044104
Equipment Hours	.004353	.004231	.004437	.004200	.003975	.003820	.003958	.003777
Years	65	66	67	68	69	70	71	72
Labor Hours	.003995	.003932	.004174	.003979	.004192	.003967	.004392	.004196
Material Cost	.043855	.014605	.022356	.012863	.021109	.019049	.040228	.040851
Equipment Hours	.003995	.003932	.004174	.003979	.004192	.003967	.004392	.004196
Years	73	74	75	76	77	78	79	80
Labor Hours	.004439	.004162	.04491	.003920	.004178	.003948	.004168	.003931
Material Cost	.040724	.049375	.047515	.037353	.056504	.039494	.045231	.044142
Equipment Hours	.004439	.004162	.04491	.003920	.004178	.003948	.004168	.003931

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UM = Unit of Measure ID
TD = Trade ID

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COMMISSARY

Resources Per Square Foot

Task	Description	UM	TD								
0000000	Total Summary	2	1								
Years	1	2	3	4	5	6	7	8			
Labor Hours	.003523	.021096	.020204	.024400	.024573	.024758	.031703	.028217			
Material Cost	.014007	.048792	.049646	.04958	.068266	.071212	.085413	.085762			
Equipment Hours	.002679	.015074	.015757	.017754	.018506	.018485	.025097	.021931			
Years	9	10	11	12	13	14	15	16			
Labor Hours	.029053	.028456	.069278	.025537	.033829	.034992	.031683	.036561			
Material Cost	.142607	.163392	.760588	.186002	.191199	.440958	.408918	.291419			
Equipment Hours	.022307	.020744	.046211	.018920	.027544	.024555	.024145	.030127			
Years	17	18	19	20	21	22	23	24			
Labor Hours	.030006	.024980	.049398	.028463	.080982	.026739	.026724	.028458			
Material Cost	.241006	.166499	.605898	.338856	.862153	.249597	.208526	.219741			
Equipment Hours	.022388	.018825	.034867	.021134	.057457	.020299	.020124	.021069			
Years	25	26	27	28	29	30	31	32			
Labor Hours	.030189	.048988	.045699	.027802	.035865	.029096	.115086	.030306			
Material Cost	.295144	.2087914	1.797881	.228125	.509977	.637941	1.357906	.498785			
Equipment Hours	.026157	.030815	.029743	.020827	.026437	.020965	.076656	.022334			
Years	33	34	35	36	37	38	39	40			
Labor Hours	.030136	.028017	.020390	.028598	.045306	.034284	.025887	.033440			
Material Cost	.283954	.174999	.238245	.198970	.603042	.262127	.218730	.624942			
Equipment Hours	.023176	.021025	.016622	.021952	.033554	.024591	.019464	.022930			
Years	41	42	43	44	45	46	47	48			
Labor Hours	.080934	.035963	.034717	.028963	.021094	.033218	.032559	.028024			
Material Cost	.883338	.184415	.220018	.323681	.272846	.329878	.203874	.180884			
Equipment Hours	.054415	.028105	.027759	.021221	.017177	.025694	.026250	.020958			
Years	49	50	51	52	53	54	55	56			
Labor Hours	.035874	.028131	.077629	.047152	.047494	.027861	.037671	.031904			
Material Cost	.274348	.260886	2.169210	.844854	1.781805	.312081	.558025	.275574			
Equipment Hours	.028591	.021615	.051381	.038163	.031212	.020161	.028931	.022917			
Years	57	58	59	60	61	62	63	64			
Labor Hours	.038938	.028552	.028386	.027018	.123319	.033958	.028566	.033064			
Material Cost	.493986	.444303	.656083	.344858	1.350491	.263427	.442702	.305141			
Equipment Hours	.029153	.020787	.020722	.020342	.084528	.026740	.020663	.024523			
Years	65	66	67	68	69	70	71	72			
Labor Hours	.024036	.033047	.032420	.027058	.028947	.026326	.076178	.028187			
Material Cost	.260542	.451863	.238403	.229400	.270744	.257549	1.204517	.388908			
Equipment Hours	.020237	.022950	.025429	.020017	.021840	.019664	.050861	.020929			
Years	73	74	75	76	77	78	79	80			
Labor Hours	.049000	.033863	.021786	.062739	.042287	.099182	.053241	.026256			
Material Cost	.867920	.311582	.147392	1.702599	.213842	.540668	1.960343	.259870			
Equipment Hours	.036179	.023872	.018509	.042954	.035845	.057574	.036526	.019877			

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UM = Unit of Measure ID
TD = Trade ID

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COMMISSARY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0300000 Roofing	UM TD	2 17						
Years	1	2	3	4	5	6	7	8
Labor Hours	.001689	.007949	.008435	.009105	.007949	.008437	.009105	.008284
Material Cost	.009130	.021494	.021494	.021494	.021494	.021512	.021494	.021494
Equipment Hours	.000845	.003975	.004218	.004553	.003975	.004219	.004553	.004143
Years	9	10	11	12	13	14	15	16
Labor Hours	.008513	.011262	.041912	.008362	.008026	.016200	.009075	.008028
Material Cost	.021494	.057004	.580490	.021494	.021494	.208512	.028267	.021512
Equipment Hours	.004257	.005631	.020956	.004182	.004013	.008100	.004538	.004015
Years	17	18	19	20	21	22	23	24
Labor Hours	.010077	.008022	.011215	.009513	.041931	.008026	.008342	.009814
Material Cost	.023851	.021494	.064230	.021494	.580625	.021494	.021494	.028267
Equipment Hours	.005039	.004012	.005608	.004757	.020965	.004013	.004182	.004908
Years	25	26	27	28	29	30	31	32
Labor Hours	.002182	.008115	.022472	.009178	.010441	.008027	.041989	.009274
Material Cost	.009163	.023067	.209947	.021494	.057004	.021494	.580490	.026887
Equipment Hours	.001092	.004058	.011237	.004589	.005222	.004014	.020995	.004637
Years	33	34	35	36	37	38	39	40
Labor Hours	.008027	.009339	.002507	.008357	.010108	.009517	.007949	.015121
Material Cost	.021494	.023067	.009946	.021494	.057023	.021494	.021494	.208512
Equipment Hours	.004014	.004670	.001234	.004179	.005055	.004759	.003975	.007361
Years	41	42	43	44	45	46	47	48
Labor Hours	.042327	.007951	.008813	.00837	.002871	.010685	.007955	.009101
Material Cost	.580472	.021512	.028267	.022277	.016389	.058578	.021512	.021494
Equipment Hours	.021164	.003976	.004408	.004919	.001436	.005343	.003978	.004551
Years	49	50	51	52	53	54	55	56
Labor Hours	.008435	.007945	.041910	.008455	.022872	.009887	.004143	.008196
Material Cost	.021494	.021460	.580472	.021647	.210712	.028267	.044673	.023067
Equipment Hours	.004218	.003973	.020956	.004228	.011436	.004944	.002093	.004098
Years	57	58	59	60	61	62	63	64
Labor Hours	.007949	.009511	.008031	.007949	.042396	.008687	.009012	.011671
Material Cost	.021494	.021512	.021494	.021494	.580472	.022295	.026887	.057004
Equipment Hours	.003975	.004756	.004015	.003975	.021199	.004344	.004507	.005836
Years	65	66	67	68	69	70	71	72
Labor Hours	.001693	.015052	.008435	.009180	.009001	.008100	.043413	.008361
Material Cost	.009163	.208512	.021494	.021512	.028267	.021494	.588481	.021494
Equipment Hours	.000847	.007526	.004218	.004590	.004501	.004051	.021707	.004181
Years	73	74	75	76	77	78	79	80
Labor Hours	.010186	.010149	.001774	.008188	.008284	.009184	.022543	.007949
Material Cost	.057023	.028267	.009163	.023067	.021494	.021512	.209928	.021494
Equipment Hours	.005094	.005075	.000888	.004095	.004143	.004592	.011273	.003975

COMMISSARY

Resources Per Square Foot

Task Description	UM	TD	1	2	3	4	5	6	7	8
0400000 Exterior Closure										
Years	1									
Labor Hours	.000008	.000012	.000236	.001244	.001247	.001249	.001250	.001250	.001250	.004059
Material Cost	.000062	.000088	.000434	.002354	.002354	.002810	.003623	.003623	.003623	.012986
Equipment Hours	.000008	.000012	.000236	.001244	.001247	.001249	.001250	.001250	.001250	.004059
Years	9									
Labor Hours	.001932	.001274	.001535	.000377	.001070	.001975	.004873	.004873	.004873	.001472
Material Cost	.007117	.006754	.007555	.006190	.007551	.057463	.074285	.074285	.074285	.060849
Equipment Hours	.001932	.001274	.001535	.000377	.001070	.001975	.004873	.004873	.004873	.001472
Years	17									
Labor Hours	.001150	.001233	.002516	.001805	.005980	.003008	.002354	.002354	.002354	.002420
Material Cost	.049156	.004341	.011780	.004850	.005378	.014800	.006919	.006919	.006919	.009146
Equipment Hours	.001150	.001233	.002516	.001805	.005980	.003008	.002354	.002354	.002354	.002406
Years	25									
Labor Hours	.001936	.005904	.001601	.001227	.003780	.002451	.000875	.000875	.000875	.001429
Material Cost	.007700	.010920	.005921	.003849	.048011	.062693	.061720	.061720	.061720	.048248
Equipment Hours	.001936	.005904	.001601	.001227	.003780	.002451	.000875	.000875	.000875	.001414
Years	33									
Labor Hours	.001886	.001960	.000767	.003005	.002353	.002585	.001182	.001182	.001182	.000966
Material Cost	.010521	.007730	.007048	.012543	.009571	.011707	.002471	.002471	.002471	.008226
Equipment Hours	.001871	.001946	.000752	.003005	.002339	.002570	.001182	.001182	.001182	.000952
Years	41									
Labor Hours	.002030	.006241	.003563	.002385	.000589	.002051	.002125	.002125	.002125	.001774
Material Cost	.005806	.008329	.014195	.066058	.061215	.063533	.048833	.048833	.048833	.005146
Equipment Hours	.002030	.006241	.003563	.002385	.000589	.002051	.002111	.002111	.002111	.001774
Years	49									
Labor Hours	.001445	.002967	.001511	.007293	.001164	.000293	.001285	.001285	.001285	.001318
Material Cost	.004597	.015975	.007872	.011097	.004066	.002502	.009839	.009839	.009839	.004362
Equipment Hours	.001431	.002967	.001511	.007293	.001164	.000293	.001285	.001285	.001285	.001318
Years	57									
Labor Hours	.008119	.001331	.001455	.001494	.001590	.006179	.000355	.000355	.000355	.004260
Material Cost	.115524	.061022	.065598	.062355	.007607	.012994	.004758	.004758	.004758	.018779
Equipment Hours	.006805	.001331	.001455	.001475	.001590	.006149	.000355	.000355	.000355	.004260
Years	65									
Labor Hours	.003031	.001348	.000811	.000815	.001344	.001388	.004899	.004899	.004899	.001883
Material Cost	.014881	.007640	.005603	.011780	.011485	.010078	.071763	.071763	.071763	.070251
Equipment Hours	.003016	.001348	.000811	.000801	.001344	.001373	.004884	.004884	.004884	.001869
Years	73									
Labor Hours	.002271	.001600	.002559	.000937	.006275	.004174	.002360	.002360	.002360	.001440
Material Cost	.067328	.057702	.016570	.009084	.013699	.016181	.007968	.007968	.007968	.010721
Equipment Hours	.002256	.001570	.002540	.000907	.006260	.004158	.002360	.002360	.002360	.001440

COMMISSARY

Resources Per Square Foot

Task	Description	UM	TD	1	2	3	4	5	6	7	8
0500000	Interior Construction										
Years	1										
Labor Hours	.000005										
Material Cost	.000120										
Equipment Hours	.000005										
Years	9										
Labor Hours	.000180										
Material Cost	.006445										
Equipment Hours	.000180										
Years	17										
Labor Hours	.000139										
Material Cost	.003030										
Equipment Hours	.000139										
Years	25										
Labor Hours	.000230										
Material Cost	.008415										
Equipment Hours	.000230										
Years	33										
Labor Hours	.000200										
Material Cost	.008452										
Equipment Hours	.000200										
Years	41										
Labor Hours	.000114										
Material Cost	.005373										
Equipment Hours	.000114										
Years	49										
Labor Hours	.000408										
Material Cost	.009994										
Equipment Hours	.000226										
Years	57										
Labor Hours	.000429										
Material Cost	.009048										
Equipment Hours	.000248										
Years	65										
Labor Hours	.000319										
Material Cost	.012454										
Equipment Hours	.000319										
Years	73										
Labor Hours	.000619										
Material Cost	.014005										
Equipment Hours	.000402										
Years	1										
Labor Hours	.000007										
Material Cost	.000155										
Equipment Hours	.000007										
Years	10										
Labor Hours	.000081										
Material Cost	.004793										
Equipment Hours	.000081										
Years	18										
Labor Hours	.000087										
Material Cost	.004716										
Equipment Hours	.000087										
Years	26										
Labor Hours	.000174										
Material Cost	.006482										
Equipment Hours	.000174										
Years	34										
Labor Hours	.000175										
Material Cost	.005607										
Equipment Hours	.000175										
Years	42										
Labor Hours	.000178										
Material Cost	.005651										
Equipment Hours	.000178										
Years	50										
Labor Hours	.000224										
Material Cost	.007338										
Equipment Hours	.000224										
Years	58										
Labor Hours	.000191										
Material Cost	.006097										
Equipment Hours	.000191										
Years	66										
Labor Hours	.000436										
Material Cost	.008870										
Equipment Hours	.000255										
Years	74										
Labor Hours	.000394										
Material Cost	.012415										
Equipment Hours	.000253										
Years	11										
Labor Hours	.000012										
Material Cost	.000191										
Equipment Hours	.000012										
Years	12										
Labor Hours	.000210										
Material Cost	.006250										
Equipment Hours	.000210										
Years	13										
Labor Hours	.000199										
Material Cost	.008778										
Equipment Hours	.000199										
Years	21										
Labor Hours	.000158										
Material Cost	.004984										
Equipment Hours	.000158										
Years	29										
Labor Hours	.000270										
Material Cost	.007314										
Equipment Hours	.000270										
Years	37										
Labor Hours	.000314										
Material Cost	.011833										
Equipment Hours	.000278										
Years	45										
Labor Hours	.000153										
Material Cost	.006245										
Equipment Hours	.000153										
Years	53										
Labor Hours	.000412										
Material Cost	.011560										
Equipment Hours	.000230										
Years	61										
Labor Hours	.000478										
Material Cost	.011879										
Equipment Hours	.000296										
Years	69										
Labor Hours	.000260										
Material Cost	.009478										
Equipment Hours	.000260										
Years	77										
Labor Hours	.000281										
Material Cost	.010267										
Equipment Hours	.000281										
Years	85										
Labor Hours	.000389										
Material Cost	.008493										
Equipment Hours	.000207										
Years	93										
Labor Hours	.000677										
Material Cost	.013157										
Equipment Hours	.000314										
Years	14										
Labor Hours	.000091										
Material Cost	.005782										
Equipment Hours	.000091										
Years	22										
Labor Hours	.000164										
Material Cost	.006166										
Equipment Hours	.000164										
Years	30										
Labor Hours	.000118										
Material Cost	.005832										
Equipment Hours	.000118										
Years	38										
Labor Hours	.000410										
Material Cost	.009133										
Equipment Hours	.000269										
Years	46										
Labor Hours	.000294										
Material Cost	.006485										
Equipment Hours	.000294										
Years	54										
Labor Hours	.000449										
Material Cost	.013648										
Equipment Hours	.000268										
Years	62										
Labor Hours	.000718										
Material Cost	.017424										
Equipment Hours	.000355										
Years	70										
Labor Hours	.000398										
Material Cost	.011318										
Equipment Hours	.000216										
Years	78										
Labor Hours	.000389										
Material Cost	.008493										
Equipment Hours	.000207										
Years	86										
Labor Hours	.000677										
Material Cost	.013157										
Equipment Hours	.000314										

COMMISSARY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Interior Finishes								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000000	.001374	.001374	.001374	.001378	.001374	.007290	.001374
Material Cost	.000000	.015396	.015396	.015396	.015670	.015396	.020364	.015396
Equipment Hours	.000000	.001374	.001374	.001374	.001378	.001374	.007290	.001374
Years	9	10	11	12	13	14	15	16
Labor Hours	.002885	.001786	.010313	.001374	.007874	.001374	.001374	.011042
Material Cost	.047068	.019351	.036938	.015396	.022548	.015396	.015396	.020487
Equipment Hours	.002464	.001786	.010313	.001374	.007874	.001374	.001374	.011042
Years	17	18	19	20	21	22	23	24
Labor Hours	.002885	.001374	.020285	.001374	.012523	.001374	.001374	.001374
Material Cost	.047068	.015396	.364993	.015396	.046212	.015396	.015396	.015396
Equipment Hours	.002464	.001374	.013898	.001374	.012523	.001374	.001374	.001374
Years	25	26	27	28	29	30	31	32
Labor Hours	.009503	.017246	.001374	.001786	.001438	.001374	.052602	.001374
Material Cost	.059745	.569420	.015396	.019351	.015827	.015396	.092933	.015396
Equipment Hours	.009082	.014912	.001374	.001786	.001438	.001374	.039438	.001374
Years	33	34	35	36	37	38	39	40
Labor Hours	.002738	.001459	.001374	.001374	.015701	.006602	.001374	.001374
Material Cost	.046339	.015968	.015396	.015396	.337928	.044801	.015396	.015396
Equipment Hours	.002318	.001459	.001374	.001374	.011608	.004308	.001374	.001374
Years	41	42	43	44	45	46	47	48
Labor Hours	.012970	.002372	.007290	.001374	.001378	.005433	.007395	.001374
Material Cost	.073266	.019583	.020364	.015396	.015670	.021217	.018621	.015396
Equipment Hours	.012550	.002372	.007290	.001374	.001378	.005433	.007395	.001374
Years	49	50	51	52	53	54	55	56
Labor Hours	.009249	.001689	.012762	.015210	.001378	.001374	.015697	.005962
Material Cost	.056611	.018686	.095815	.514667	.015670	.015396	.337653	.042735
Equipment Hours	.008828	.001689	.012526	.013112	.001378	.001374	.011604	.003668
Years	57	58	59	60	61	62	63	64
Labor Hours	.002824	.001434	.001374	.001374	.056431	.002312	.001954	.001786
Material Cost	.046912	.015552	.015396	.015396	.108105	.015869	.017305	.019351
Equipment Hours	.002403	.001434	.001374	.001374	.043267	.002312	.001954	.001786
Years	65	66	67	68	69	70	71	72
Labor Hours	.002824	.001375	.007290	.001374	.001438	.001374	.011985	.001421
Material Cost	.046912	.015397	.020364	.015396	.015827	.015396	.369362	.019098
Equipment Hours	.002403	.001375	.007290	.001374	.001438	.001374	.010781	.001421
Years	73	74	75	76	77	78	79	80
Labor Hours	.018688	.006277	.001954	.025909	.010971	.070498	.007290	.001596
Material Cost	.598470	.046025	.017305	.097816	.024323	.338134	.020364	.015921
Equipment Hours	.013518	.003983	.001954	.018315	.010971	.035966	.007290	.001596

COMMISSARY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0600000 Plumbing								
Years	1	2	3	4	5	6	7	8
Labor Hours	.000077	.000555	.000612	.000999	.001112	.001525	.001584	.001982
Material Cost	.000066	.000252	.000310	.000445	.000514	.000673	.000748	.000947
Equipment Hours	.000077	.000555	.000612	.000999	.001112	.001525	.001584	.001982
Years	9	10	11	12	13	14	15	16
Labor Hours	.002066	.001625	.001795	.001950	.002050	.001533	.001756	.002009
Material Cost	.019018	.015057	.013762	.018990	.009762	.004217	.005452	.039216
Equipment Hours	.002066	.001611	.001774	.001914	.001942	.001518	.001740	.001977
Years	17	18	19	20	21	22	23	24
Labor Hours	.001530	.001169	.001265	.001541	.005419	.001251	.001217	.001503
Material Cost	.008495	.007163	.017350	.019821	.033495	.022158	.013045	.010711
Equipment Hours	.001527	.001169	.001269	.001524	.005289	.001231	.001212	.001474
Years	25	26	27	28	29	30	31	32
Labor Hours	.001772	.002122	.004115	.001913	.002000	.001792	.002049	.002030
Material Cost	.015114	.023449	.051502	.008472	.017578	.021287	.049131	.017844
Equipment Hours	.001679	.001785	.002820	.001883	.001941	.001757	.001998	.002040
Years	33	34	35	36	37	38	39	40
Labor Hours	.002094	.001571	.001641	.001887	.001738	.001432	.001222	.001219
Material Cost	.016149	.006789	.009073	.011670	.013546	.017862	.019790	.024469
Equipment Hours	.002031	.001560	.001613	.001837	.001646	.001327	.001162	.001151
Years	41	42	43	44	45	46	47	48
Labor Hours	.008576	.006033	.001232	.001603	.001609	.001696	.001856	.001974
Material Cost	.061444	.052122	.015567	.013235	.010671	.043515	.004556	.008156
Equipment Hours	.005941	.004227	.001204	.001579	.001592	.001659	.001744	.001948
Years	49	50	51	52	53	54	55	56
Labor Hours	.002046	.001804	.002311	.001993	.004432	.001637	.001669	.002071
Material Cost	.019311	.021106	.022118	.018074	.052336	.005659	.006970	.010268
Equipment Hours	.001952	.001724	.002001	.001941	.003156	.001637	.001660	.002071
Years	57	58	59	60	61	62	63	64
Labor Hours	.001674	.001295	.001285	.001573	.004014	.002539	.001364	.001624
Material Cost	.008837	.009792	.017459	.021792	.062608	.030032	.014817	.014613
Equipment Hours	.001670	.001295	.001250	.001539	.003916	.002481	.001322	.001570
Years	65	66	67	68	69	70	71	72
Labor Hours	.001608	.001512	.001653	.002103	.001957	.001640	.001746	.001941
Material Cost	.012161	.013722	.007244	.008615	.015408	.018316	.018017	.019332
Equipment Hours	.001579	.001482	.001640	.002069	.001927	.001613	.001693	.001892
Years	73	74	75	76	77	78	79	80
Labor Hours	.002347	.001653	.001811	.011406	.001633	.001308	.003830	.001283
Material Cost	.020758	.009252	.012145	.067116	.009752	.013121	.065880	.022445
Equipment Hours	.002097	.001608	.001739	.006717	.001596	.001269	.002529	.001252

COMMISSARY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
0900000 HVAC	UM TD	2 9						
Years	1	2	3	4	5	6	7	8
Labor Hours	.00917	.00888	.00926	.00998	.010141	.00965	.009186	.009176
Material Cost	.004629	.011239	.011249	.011552	.022088	.011833	.017029	.012169
Equipment Hours	.00917	.006836	.006876	.006903	.008047	.007010	.007131	.007032
Years	9	10	11	12	13	14	15	16
Labor Hours	.010119	.009082	.009366	.009706	.010564	.009985	.010499	.009866
Material Cost	.022367	.039027	.050924	.078547	.06665	.103684	.235733	.089408
Equipment Hours	.008070	.007015	.007276	.007305	.008405	.007677	.007522	.007490
Years	17	18	19	20	21	22	23	24
Labor Hours	.010336	.009383	.009699	.010390	.010916	.009529	.009820	.009758
Material Cost	.071681	.075320	.090363	.232788	.130292	.141593	.118078	.120898
Equipment Hours	.008188	.007245	.007368	.007841	.008497	.007146	.007410	.007332
Years	25	26	27	28	29	30	31	32
Labor Hours	.010846	.009996	.010212	.009595	.014072	.011613	.009785	.009449
Material Cost	.163102	.118569	.166673	.120722	.299886	.464431	.108233	.071627
Equipment Hours	.008430	.007519	.007740	.007260	.009933	.007554	.007257	.007185
Years	33	34	35	36	37	38	39	40
Labor Hours	.010853	.009437	.009652	.009645	.010725	.009495	.009564	.010365
Material Cost	.113902	.051114	.122722	.070820	.113429	.096212	.088026	.303557
Equipment Hours	.008412	.007149	.007191	.007233	.008271	.007129	.007200	.007513
Years	41	42	43	44	45	46	47	48
Labor Hours	.010537	.009243	.009852	.010231	.010849	.009354	.009292	.009913
Material Cost	.092271	.029750	.103632	.179948	.12357	.08152	.057370	.074354
Equipment Hours	.008256	.007189	.007345	.007451	.008403	.007229	.007106	.007440
Years	49	50	51	52	53	54	55	56
Labor Hours	.010426	.009845	.009366	.010023	.010971	.010066	.009746	.009683
Material Cost	.113762	.127241	.075304	.214582	.119653	.181689	.081220	.117881
Equipment Hours	.008095	.007397	.007131	.007424	.008536	.007499	.007426	.007242
Years	57	58	59	60	61	62	63	64
Labor Hours	.013669	.010478	.011636	.010203	.010897	.009836	.009830	.010000
Material Cost	.231811	.272304	.465977	.158133	.13570	.121610	.104463	.156314
Equipment Hours	.009784	.007477	.008013	.007563	.008441	.007423	.007511	.007369
Years	65	66	67	68	69	70	71	72
Labor Hours	.011031	.009675	.010050	.009530	.010933	.009657	.009543	.010440
Material Cost	.130846	.157905	.132594	.114431	.143544	.13100	.074305	.197055
Equipment Hours	.008555	.007336	.007491	.007146	.008379	.007284	.007227	.007450
Years	73	74	75	76	77	78	79	80
Labor Hours	.010182	.009548	.009056	.009841	.010517	.009431	.010268	.009613
Material Cost	.040500	.088273	.017848	.129503	.068422	.084647	.282646	.125881
Equipment Hours	.008117	.007169	.006956	.007418	.008283	.007197	.007441	.007246

COMMISSARY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1100000 Interior Electrical	2	2	2	2	2	2	2	2
Years	1	2	3	4	5	6	7	8
Labor Hours	.000331	.001742	.001901	.001970	.002082	.002460	.002675	.002518
Material Cost	.000000	.000171	.000572	.002285	.002211	.014434	.015969	.016075
Equipment Hours	.000531	.001742	.001901	.001970	.002082	.002460	.002675	.002518
Years	9	10	11	12	13	14	15	16
Labor Hours	.002761	.002736	.003581	.002962	.03439	.003234	.003319	.003241
Material Cost	.016889	.019392	.060769	.036973	.041983	.042667	.040377	.039054
Equipment Hours	.002761	.002736	.003581	.002962	.03439	.003234	.003319	.003241
Years	17	18	19	20	21	22	23	24
Labor Hours	.003279	.003121	.003327	.003079	.003440	.002824	.002919	.002820
Material Cost	.035001	.035471	.037182	.034717	.055243	.026556	.026979	.026967
Equipment Hours	.003272	.003113	.003313	.003071	.003428	.002814	.002913	.002807
Years	25	26	27	28	29	30	31	32
Labor Hours	.003130	.002970	.003307	.003262	.003228	.003113	.006808	.005872
Material Cost	.029399	.034822	.040857	.044272	.041362	.043470	.442190	.300453
Equipment Hours	.003119	.002961	.003298	.003254	.003216	.003103	.005116	.004837
Years	33	34	35	36	37	38	39	40
Labor Hours	.003701	.003495	.003564	.003487	.003743	.003626	.003719	.003666
Material Cost	.064465	.061507	.061863	.057982	.058329	.056496	.059325	.054974
Equipment Hours	.003694	.003485	.003553	.003479	.003733	.003613	.003693	.003650
Years	41	42	43	44	45	46	47	48
Labor Hours	.003750	.003357	.003177	.002785	.003050	.003115	.003153	.003084
Material Cost	.062630	.045144	.030434	.026983	.032114	.039313	.037803	.043978
Equipment Hours	.003731	.003334	.003161	.002765	.003031	.003094	.003134	.003067
Years	49	50	51	52	53	54	55	56
Labor Hours	.003239	.003084	.003963	.003458	.003729	.003555	.003872	.003632
Material Cost	.043356	.046083	.076838	.058970	.063921	.062126	.059656	.057283
Equipment Hours	.003215	.003068	.003948	.003445	.003720	.003545	.003863	.003618
Years	57	58	59	60	61	62	63	64
Labor Hours	.003630	.003695	.003807	.003648	.006860	.003101	.005434	.002909
Material Cost	.058191	.055434	.057363	.054943	.434030	.035876	.269965	.030401
Equipment Hours	.003623	.003685	.003797	.003638	.005168	.003093	.004397	.002888
Years	65	66	67	68	69	70	71	72
Labor Hours	.002949	.003051	.003156	.003197	.003390	.003172	.003758	.003306
Material Cost	.030970	.038163	.038077	.045900	.043967	.045301	.073348	.053561
Equipment Hours	.002936	.003030	.003137	.003178	.003367	.003156	.003735	.003284
Years	73	74	75	76	77	78	79	80
Labor Hours	.004070	.003631	.003576	.003593	.003687	.003601	.003744	.003580
Material Cost	.067145	.063743	.060382	.056813	.058733	.056361	.057710	.054055
Equipment Hours	.004058	.003603	.003559	.003580	.003674	.003586	.003734	.003572

COMMISSARY

Resources Per Square Foot

Task Description	1	2	3	4	5	6	7	8
1200000 Special Inter. Electr. System	UM	TD						
	2	2						
Years	1	2	3	4	5	6	7	8
Labor Hours	.000495	.000569	.000528	.000561	.000533	.000626	.000557	.000604
Material Cost	.000000	.000000	.000000	.000650	.001299	.000626	.000699	.000726
Equipment Hours	.000495	.000569	.000528	.000561	.000533	.000626	.000557	.000604
Years	9	10	11	12	13	14	15	16
Labor Hours	.000576	.000610	.000633	.000597	.000609	.000599	.000622	.000624
Material Cost	.002010	.002013	.002050	.002163	.002418	.003237	.003243	.017126
Equipment Hours	.000576	.000610	.000633	.000597	.000609	.000599	.000622	.000624
Years	17	18	19	20	21	22	23	24
Labor Hours	.000610	.000590	.000607	.000588	.000614	.000563	.000601	.000590
Material Cost	.001923	.002618	.000605	.002756	.001922	.001434	.001438	.002803
Equipment Hours	.000610	.000590	.000607	.000588	.000614	.000563	.000601	.000590
Years	25	26	27	28	29	30	31	32
Labor Hours	.000590	.002460	.002519	.000587	.000637	.000608	.000642	.000584
Material Cost	.002507	1.301183	1.301499	.002424	.002996	.003339	.012118	.007114
Equipment Hours	.000590	.001516	.001575	.000587	.000637	.000608	.000642	.000584
Years	33	34	35	36	37	38	39	40
Labor Hours	.000636	.000581	.000644	.000605	.000624	.000616	.000639	.000600
Material Cost	.002433	.003217	.003150	.001838	.001384	.004422	.003004	.002575
Equipment Hours	.000636	.000581	.000644	.000605	.000624	.000616	.000639	.000600
Years	41	42	43	44	45	46	47	48
Labor Hours	.000628	.000588	.000615	.000578	.000594	.000589	.000613	.000589
Material Cost	.002075	.002325	.002476	.002988	.003185	.012084	.007107	.002436
Equipment Hours	.000628	.000588	.000615	.000578	.000594	.000589	.000613	.000589
Years	49	50	51	52	53	54	55	56
Labor Hours	.000626	.000574	.002510	.000587	.002537	.000600	.000641	.000596
Material Cost	.003222	.002996	1.300736	.001384	1.300987	.002795	.002608	.004903
Equipment Hours	.000626	.000574	.001567	.000587	.001593	.000600	.000641	.000596
Years	57	58	59	60	61	62	63	64
Labor Hours	.000643	.000618	.000638	.000606	.000652	.000585	.000576	.000572
Material Cost	.002150	.002512	.003462	.003078	.012221	.007328	.002089	.003204
Equipment Hours	.000643	.000618	.000638	.000606	.000652	.000585	.000576	.000572
Years	65	66	67	68	69	70	71	72
Labor Hours	.000580	.000598	.000604	.000589	.000623	.000597	.000643	.000595
Material Cost	.003154	.001653	.001371	.001671	.002768	.002547	.002152	.002117
Equipment Hours	.000580	.000598	.000604	.000589	.000623	.000597	.000643	.000595
Years	73	74	75	76	77	78	79	80
Labor Hours	.000637	.000609	.000644	.002492	.000638	.000598	.002529	.000596
Material Cost	.002682	.005905	.003089	1.311490	.007154	.002218	1.302691	.003052
Equipment Hours	.000637	.000609	.000644	.001548	.000638	.000598	.001586	.000596

APPENDIX G:

PERCENTAGE OF COST BY ENGINEERING SYSTEM TABLES

All Buildings - Cost by Engineering System

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	24.3	1	24.3	2	20.3	1	28.9	1	26.6
HVAC	09	20.1	2	19.8	1	26.6	2	20.4	5	12.9
Plumbing	08	14.1	3	14.8	3	12.9	3	13.3	3	14.2
Exterior closure	04	11.5	5	10.7	5	10.3	4	11.7	2	14.4
Roofing	03	11.3	4	11.1	6	9.9	5	11.3	4	13.3
Interior electrical	11	10.1	6	10.2	4	11.1	5	8.5	6	9.6
Interior construction	05	6.8	7	7.4	7	6.3	7	3.6	7	7.8
Special interior electrical system	12	1.9	8	1.7	8	2.7	8	2.2	8	1.1

General Instruction Buildings Cost by Engineering System

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roofing	03	21.33	2	16.22	1	26.40	4	12.17	3	17.17
HVAC	09	20.36	1	25.81	2	18.66	2	19.86	4	11.39
Interior finishes	06	17.39	3	14.98	3	16.17	1	23.67	2	21.45
Exterior closure	04	15.00	4	14.18	4	15.45	5	11.64	1	24.51
Interior electrical	11	12.18	5	12.39	5	11.31	3	15.17	5	10.00
Plumbing	08	7.63	6	10.73	6	6.23	6	9.03	8	2.26
Special interior electrical system	12	3.43	7	3.39	7	4.09	8	2.06	6	10.00
Interior construction	05	2.68	8	2.30	8	1.70	7	6.40	7	3.22

Applied Instruction Buildings Cost by Engineering System

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	23.86	2	24.58	1	22.33	1	25.81		
HVAC	09	22.47	1	26.69	2	21.82	2	21.18		
Roofing	03	16.33	3	18.15	3	19.04	5	11.20		
Interior electrical	11	15.02	4	11.30	4	17.28	3	13.55		
Exterior closure	04	9.38	6	5.10	5	8.59	4	12.91		
Plumbing	08	7.06	5	9.73	6	7.28	7	5.27		
Interior construction	05	3.68	7	4.26	7	2.07	6	5.81		
Special interior electrical system	12	2.22	8	0.18	8	1.59	8	4.28		

**Aviation Unit Maintenance Hangars
Cost By Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	37.78	1	40.36	4	12.38	3	19.38		
Roofing	03	19.15	2	18.83	1	27.19	2	19.87		
HVAC	09	12.64	3	11.87	7	4.93	1	23.13		
Interior electrical	11	11.36	4	10.58	2	18.55	4	17.05		
Exterior closure	04	8.23	5	7.80	5	10.25	5	11.97		
Plumbing	08	7.71	6	7.75	6	8.85	6	6.93		
Special interior electrical system	12	1.72	7	1.42	3	15.97	8	.13		
Interior construction	05	1.42	8	1.39	8	1.89	7	1.54		

Organizational Vehicle Maintenance Facilities Cost By Engineering System										
Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	21.76	1	22.09	1	21.16	1	27.15	1	17.44
Roofing	03	18.50	3	18.82	2	20.88	3	19.08	3	15.69
Interior finishes	06	18.38	2	20.55	3	14.77	2	19.20	4	13.52
Interior electrical	11	13.42	4	13.65	5	13.58	4	13.04	5	12.90
Exterior closure	04	12.96	5	13.41	4	14.21	5	12.07	6	11.47
Plumbing	08	9.12	6	8.55	6	12.06	6	7.10	7	10.45
Special interior electrical system	12	4.33	7	1.63	8	1.32	8	0.19	2	17.06
Interior construction	05	1.53	8	1.30	7	2.03	7	2.17	8	1.47

DS/GS Vehicle Maintenance Shop Cost by Engineering System										
Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	33.73	1	33.76			2	18.23		
Roofing	03	19.36	2	19.37			4	11.94		
Interior Electrical	11	19.16	3	19.18			5	10.47		
Interior finishes	06	13.32	4	13.31			3	16.43		
Plumbing	08	6.62	5	6.63			8	2.50		
Exterior closure	04	6.02	6	5.96			1	25.74		
Interior construction	05	0.94	7	0.93			7	4.21		
Special interior electrical system	12	0.85	8	0.85			6	10.47		

**Special Purpose Maintenance Shops
Cost By Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roofing	03	24.38	2	18.05	1	27.04	3	22.65	2	18.56
Interior finishes	06	23.71	3	16.50	2	22.38	1	28.40	1	55.97
HVAC	09	18.01	1	34.08	4	14.68	4	11.90	6	3.12
Interior electrical	11	15.83	5	11.06	3	18.05	5	7.26	3	10.59
Exterior closure	04	7.43	6	5.85	5	7.80	2	24.21	4	6.08
Plumbing	08	6.12	4	12.59	7	4.23	6	5.21	5	4.94
Special interior electrical system	12	3.51	8	.45	6	4.91	8	.06	8	.06
Interior construction	05	1.00	7	1.43	8	.92	7	.30	7	.68

**Maintenance - Installation O&R
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	36.55	1	28.82	1	48.04	3	17.07		
Interior finishes	06	16.29	2	18.78	3	11.99	1	24.45		
Roofing	03	15.29	3	15.66	2	13.90	2	18.94		
Interior electrical	11	11.62	4	14.44	4	9.21	4	13.00		
Plumbing	08	9.02	5	10.28	5	7.03	5	12.58		
Exterior closure	04	7.75	6	8.57	6	6.62	6	9.55		
Interior construction	05	2.41	7	2.88	8	1.51	7	4.23		
Special interior electrical system	12	1.07	8	.58	7	1.69	8	.18		

**Ammunition Storage Facilities
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roofing	03	35.17	1	44.52	4	8.09	2	24.29		
Interior finishes	06	34.29	2	24.38	1	52.83	1	52.98		
Interior electrical	11	14.80	3	16.55	3	10.07	3	12.48		
Exterior closure	04	14.60	4	13.07	2	27.78	4	10.25		
HVAC	09	.42	5	.65	6	.00	5	.00		
Special interior electrical system	12	.30	6	.45	7	.00	6	.00		
Plumbing	08	.28	8	.16	5	1.22	7	.00		
Interior construction	05	.15	7	.22	8	.00	8	.00		

**Cold Storage Facilities
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	47.67	1	38.49	1	64.03	3	19.15	6	6.14
Interior electrical	11	15.71	4	12.75	2	17.67	4	15.15	2	16.01
Interior finishes	06	13.95	2	17.91	3	6.04	1	26.63	1	43.59
Roofing	03	11.96	3	17.88	4	6.00	2	21.40	5	6.58
Exterior closure	04	4.70	5	5.94	6	2.61	5	8.57	4	8.46
Plumbing	08	4.20	6	5.23	5	2.69	6	4.72	3	15.72
Interior construction	05	1.60	7	1.50	7	.81	7	4.31	7	3.10
Special interior electrical system	12	.20	8	.31	8	.15	8	.08	8	.41

**General Purpose Warehouse
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roofing	03	28.49	1	29.43	1	27.35	2	28.26	1	27.06
Interior finishes	06	25.20	2	27.73	3	18.46	1	30.62	2	24.60
HVAC	09	15.63	3	16.18	2	19.44	3	13.77	6	6.76
Exterior closure	04	13.25	4	12.07	4	12.80	4	10.92	3	20.78
Interior electrical	11	8.50	5	7.86	5	9.74	5	8.44	5	8.63
Plumbing	08	5.50	6	3.98	6	6.92	6	5.77	4	8.71
Interior construction	05	1.84	7	1.49	8	2.22	7	2.03	7	2.42
Special interior electrical system	12	1.60	8	1.26	7	3.07	8	.18	8	1.04

Hospital - Cost by Engineering System

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	28.73	3	14.14	3	17.82	1	47.04		
Interior finishes	06	24.88	1	23.12	2	20.15	2	15.23		
Interior electrical	11	13.50	2	18.30	5	14.75	4	7.63		
Plumbing	08	9.75	5	8.33	4	16.96	3	11.02		
Roofing	03	7.08	4	8.70	6	7.85	7	5.07		
Interior construction	05	6.93	7	8.27	7	1.69	6	5.63		
Exterior closure	04	5.89	6	8.33	1	20.56	8	2.02		
Special interior electrical system	12	3.23	8	.81	8	.23	5	6.35		

**Dental Clinic
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	27.05	1	23.04	1	30.18	1	34.50	1	26.86
Plumbing	08	19.64	2	21.44	2	17.18	2	15.99	2	22.84
Interior electrical	11	17.28	3	17.53	3	16.78	3	13.64	3	21.42
Interior finishes	06	14.72	4	17.11	4	13.87	5	12.75	4	9.65
Roofing	03	10.37	5	9.99	5	10.31	4	12.81	5	9.49
Interior construction	05	5.58	7	4.72	6	7.48	7	2.55	6	7.21
Exterior closure	04	4.08	6	5.49	7	2.42	6	4.96	7	2.03
Special interior electrical system	12	1.26	8	.70	8	1.77	8	2.80	8	.49

**Health Clinic
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	25.52	1	25.25	1	33.19			2	20.88
Interior finishes	06	18.60	2	17.34	2	14.55			1	22.75
Plumbing	08	14.59	3	13.56	3	13.34			3	16.62
Interior electrical	11	12.58	6	11.21	5	9.94			4	15.92
Roofing	03	12.57	4	13.55	4	12.07			5	11.71
Interior construction	05	9.03	5	11.58	6	8.11			6	6.57
Exterior closure	04	4.90	7	7.31	7	6.62			8	.91
Special interior electrical system	12	2.21	8	.21	8	2.17			7	4.63

**General Purpose Administration
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	26.61	2	22.26	2	19.33	1	40.96	1	24.08
HVAC	09	19.80	1	27.53	1	30.37	2	20.06	4	13.26
Exterior closure	04	15.58	5	10.58	4	12.10	3	13.04	2	20.30
Interior electrical	11	12.17	3	11.17	3	14.74	5	7.18	3	14.57
Roofing	03	10.58	4	10.83	5	7.55	6	6.87	5	12.57
Plumbing	08	9.66	6	6.99	6	6.85	4	10.05	6	11.56
Interior construction	05	3.81	7	6.26	7	6.42	7	1.40	7	2.97
Special interior electrical system	12	1.79	8	4.38	8	2.64	8	.44	8	.69

**Family Housing 1900-1950
Cost by Engineering System**

Engineering System Description	CACES No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	25.54	1	23.21			1	34.11		
Exterior closure	04	18.78	2	21.00			4	10.58		
Plumbing	08	18.05	3	17.13			3	21.42		
HVAC	09	17.56	4	16.14			2	22.81		
Interior electrical	11	7.65	5	8.47			6	4.65		
Roofing	03	5.76	7	5.66			5	6.14		
Interior construction	05	5.72	6	7.28			8	.00		
Special interior electrical system	12	.93	8	1.11			7	.29		

**Family Housing 1951---
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	31.14	1	25.93	2	20.44	1	33.29	1	37.07
Plumbing	08	16.73	3	17.07	4	11.99	3	18.62	2	16.29
HVAC	09	15.83	2	17.98	1	24.63	4	10.38	3	14.02
Exterior closure	04	11.53	5	11.13	3	14.84	7	5.54	4	12.98
Roofing	03	8.83	7	7.12	7	7.67	2	20.47	5	8.38
Interior electrical	11	7.82	6	8.53	6	8.36	5	5.95	6	7.40
Interior construction	05	7.63	4	11.47	5	10.46	6	5.64	7	3.67
Special interior electrical system	12	.49	8	.78	8	1.61	8	.12	8	.18

**Family Housing (Capehart)
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	23.38	1	24.89	2	20.24	1	31.52	1	25.47
HVAC	09	18.17	3	12.38	1	26.92	3	13.72	6	9.74
Plumbing	08	17.04	2	20.53	3	15.12	2	23.96	3	14.63
Exterior closure	04	11.35	6	10.24	4	11.28	4	11.84	5	12.72
Roofing	03	10.63	4	12.21	7	6.94	5	10.04	2	15.89
Interior construction	05	9.36	5	10.38	6	8.02	8	.00	4	23.02
Interior electrical	11	8.88	7	8.52	5	9.91	6	8.35	7	7.49
Special interior electrical system	12	1.19	8	.84	8	1.57	7	.57	8	1.05

**Family Housing (Wherry)
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	25.68	1	24.80			1	34.75	1	28.90
Plumbing	08	21.41	2	22.96			2	34.66	3	14.63
HVAC	09	13.81	3	14.62			8	.00	5	11.10
Exterior closure	04	12.36	4	11.96			3	13.22	4	13.96
Interior electrical	11	10.14	5	11.12			5	6.69	7	6.28
Roofing	03	9.36	6	7.78			4	9.06	2	15.81
Interior construction	05	6.41	7	5.89			7	.51	6	8.74
Special interior electrical system	12	.83	8	.88			6	1.11	8	.58

**UPH Enlisted Personnel
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	24.09	1	26.26	1	27.76	2	17.12	2	19.24
Interior finishes	06	23.65	2	22.76	2	24.02	1	26.58	1	24.64
Plumbing	08	13.04	3	11.83	3	15.84	4	13.03	3	16.47
Exterior closure	04	10.66	5	9.19	5	8.09	3	16.61	4	13.01
Interior electrical	11	10.06	4	10.44	4	9.82	6	8.01	5	10.30
Interior construction	05	7.94	6	8.56	6	6.22	7	6.41	7	7.52
Roofing	03	7.73	7	7.97	7	4.88	5	8.31	6	7.67
Special interior electrical system	12	2.84	8	2.98	8	3.37	8	3.95	8	1.14

**UPH Enlisted Personnel
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	24.09	1	26.26	1	27.76	2	17.12	2	19.24
Interior finishes	06	23.65	2	22.76	2	24.02	1	26.58	1	24.64
Plumbing	08	13.04	3	11.83	3	15.84	4	13.03	3	16.47
Exterior closure	04	10.66	5	9.19	5	8.09	3	16.61	4	13.01
Interior electrical	11	10.06	4	10.44	4	9.82	6	8.01	5	10.30
Interior construction	05	7.94	6	8.56	6	6.22	7	6.41	7	7.52
Roofing	03	7.73	7	7.97	7	4.88	5	8.31	6	7.67
Special interior electrical system	12	2.84	8	2.98	8	3.37	8	3.95	8	1.14

**Trainee Barracks
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	27.49			1	27.49				
Interior finishes	06	25.50			2	25.50				
Plumbing	08	13.50			3	13.50				
Interior electrical	11	10.87			4	10.87				
Roofing	03	8.00			5	8.00				
Interior construction	05	5.44			6	5.44				
Special interior electrical system	12	5.09			7	5.09				
Exterior closure	04	4.12			8	4.12				

**UPH Dining Facilities
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	35.15	1	33.67	1	27.13	1	51.92	1	40.22
Interior finishes	06	15.16	2	17.38	2	15.98	3	9.95	5	10.71
Exterior closure	04	12.40	4	12.09	3	14.98	2	10.49	6	7.84
Roofing	03	11.81	3	12.73	6	11.32	4	9.19	2	14.21
Interior electrical	11	11.35	5	11.70	4	11.95	5	8.82	4	12.29
Plumbing	08	8.79	6	7.11	5	11.80	6	5.12	3	13.57
Interior construction	05	2.70	7	4.54	8	1.48	8	1.01	7	1.05
Special interior electrical system	12	2.64	8	.79	7	5.35	7	3.51	8	.12

**UPH Officers
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	19.78	2	20.10	1	26.87	3	15.18	4	13.95
Interior finishes	06	19.54	1	21.18	2	16.12	1	27.44	3	17.42
Plumbing	08	16.56	3	18.44	3	13.85	5	10.30	1	19.63
Interior construction	05	15.48	4	14.75	5	11.43	2	21.19	2	18.18
Exterior closure	04	10.87	5	10.50	6	9.90	4	11.77	5	11.98
Interior electrical	11	9.97	6	8.79	4	13.73	6	7.46	6	8.72
Roofing	03	5.93	7	5.71	7	4.62	7	5.12	7	7.94
Special interior electrical system	12	1.88	8	.53	8	3.49	8	1.53	8	2.18

**Community Fire Station
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	20.22	4	12.24	2	17.21	1	36.65	1	28.72
Special interior electrical system	12	15.13	1	28.79	7	4.34	6	6.81	8	1.40
Interior finishes	06	14.72	3	13.79	1	19.23	2	15.92	7	5.68
Roofing	03	13.42	5	11.54	4	14.43	3	11.10	2	22.83
Exterior closure	04	13.00	2	17.38	6	12.92	7	6.58	5	7.56
Plumbing	08	11.80	6	8.74	3	16.30	4	10.25	3	16.30
Interior electrical	11	8.81	7	4.97	5	14.00	5	9.41	4	10.83
Interior construction	05	2.90	8	2.55	8	1.57	8	3.29	6	6.68

**Chapel Center Facilities
Cost By Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	27.45	2	21.77	1	33.74	1	32.90	4	11.47
Interior finishes	06	25.37	1	31.31	2	18.45	2	23.09	1	32.07
Exterior closure	04	12.46	3	14.82	4	11.71	4	9.71	5	11.34
Interior electrical	11	10.68	7	6.18	3	15.37	5	9.49	2	18.49
Roofing	03	10.01	4	11.61	5	7.82	3	9.78	3	12.12
Interior construction	05	6.80	5	7.38	6	5.07	6	8.79	7	5.30
Plumbing	08	6.24	6	6.86	7	5.03	7	6.09	6	9.12
Special interior electrical system	12	.99	8	.08	8	2.82	8	.15	8	.10

Auditorium/Theatre Facility Cost by Engineering System										
Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	29.57			1	32.13	1	22.00	1	32.31
Interior finishes	06	18.13			2	18.85	2	20.66	4	12.40
Roofing	03	14.57			3	13.45	4	16.87	2	14.82
Interior electrical	11	11.80			4	12.75	5	8.88	3	12.95
Exterior closure	04	10.94			5	12.63	6	6.27	5	12.25
Plumbing	08	6.43			6	5.83	7	4.76	6	10.63
Special interior electrical system	12	6.37			7	2.18	3	18.55	8	2.26
Interior construction	05	2.18			8	2.18	8	2.03	7	2.38

Bowling Center Cost by Engineering System										
Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roofing	03	25.27	1	27.79	3	14.72	1	34.57	1	26.84
Interior finishes	06	22.78	2	24.55	2	22.12	2	22.27	3	19.32
HVAC	09	22.42	3	19.91	1	33.32	3	16.95	4	15.33
Interior electrical	11	12.24	4	11.57	5	12.10	4	8.14	2	19.73
Plumbing	08	8.80	5	7.97	4	13.03	6	6.39	6	6.01
Exterior closure	04	4.15	7	2.41	7	2.17	5	7.50	5	9.23
Interior construction	05	2.29	8	2.03	6	2.24	7	2.19	7	3.33
Special interior electrical system	12	2.03	6	3.76	8	.29	8	1.99	8	.21

**Child Support Center
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roofing	03	22.56	1	28.38			5	7.79	4	12.52
Interior finishes	06	19.88	2	17.73			2	19.10	1	25.85
Plumbing	08	13.76	4	11.40			3	9.13	2	21.71
HVAC	09	13.11	3	11.69			1	38.45	7	7.63
Exterior closure	04	9.63	5	8.82			6	6.98	3	12.75
Interior construction	05	7.95	6	8.10			7	6.09	6	8.23
Interior electrical	11	7.48	7	6.95			4	9.12	5	8.27
Special interior electrical system	12	5.64	8	6.93			8	3.33	8	3.04

**Commissary
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Roofing	03	25.83	3	9.38	3	15.22	1	38.82		
HVAC	09	25.11	1	51.15	1	33.50	4	8.84		
Interior finishes	06	18.18	4	8.71	4	11.57	2	25.91		
Interior electrical	11	10.81	5	7.40	2	17.04	3	9.16		
Special interior electrical system	12	9.11	2	17.79	7	3.06	5	8.24		
Exterior closure	04	5.20	7	1.91	5	11.35	7	3.55		
Plumbing	08	4.64	6	2.75	6	6.34	6	4.64		
Interior construction	05	1.13	8	.90	8	1.91	8	.83		

**Art & Crafts Center
Cost By Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	30.24	1	30.77	1	32.01	1	28.76	5	0.00
Roofing	03	19.78	2	22.97	3	17.90	3	17.56	3	19.43
Interior electrical	11	17.45	3	18.16	2	21.62	4	12.73	4	5.65
Interior finishes	06	13.45	4	10.88	4	9.75	2	19.99	2	29.07
Plumbing	08	7.12	6	5.73	5	7.55	5	8.74	6	0.00
Exterior closure	04	4.94	5	6.04	6	4.78	8	2.33	1	45.86
Interior construction	05	3.77	7	3.70	7	3.40	7	4.37	7	0.00
Special interior electrical system	12	3.24	8	1.75	8	3.00	6	5.53	8	0.00

**Continuing Education Facility
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	24.13			2	23.87	1	38.63	4	15.06
Interior finishes	06	20.81			3	18.09	2	18.42	1	23.81
Roofing	03	17.09			1	25.22	7	5.67	2	19.86
Interior electrical	11	12.85			4	17.55	5	6.49	5	14.30
Exterior closure	04	12.51			6	4.41	3	15.32	3	15.19
Plumbing	08	8.23			5	6.04	4	8.57	6	9.22
Interior construction	05	3.97			7	3.86	6	6.28	7	2.56
Special interior electrical system	12	.42			8	.95	8	.63	8	0.00

**Physical Fitness Center
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	37.61	1	53.57	1	30.97	2	23.06	3	16.52
Roofing	03	17.58	3	11.41	3	17.69	1	26.51	1	25.76
HVAC	09	16.24	2	14.54	2	20.02	3	18.74	5	14.50
Exterior closure	04	9.69	6	5.58	4	10.53	4	9.77	2	18.89
Plumbing	08	8.08	5	5.76	6	8.10	6	5.96	4	15.45
Interior electrical	11	7.83	4	7.59	5	8.98	5	9.24	6	6.07
Interior construction	05	1.50	7	1.14	8	1.56	8	2.07	7	1.86
Special interior electrical system	12	1.48	8	.40	7	2.14	7	4.65	8	.94

**Transient Housing Facilities
Cost by Engineering System**

Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
Interior finishes	06	22.88	1	29.16	3	14.36	1	20.46	1	20.15
HVAC	09	22.75	2	22.41	1	25.32	2	18.40	2	19.99
Plumbing	08	13.22	3	15.63	4	9.26	4	13.24	4	14.33
Special interior electrical system	12	9.23	8	.71	2	22.23	3	13.30	8	2.13
Interior electrical	11	9.22	4	11.03	5	8.51	8	5.28	7	5.07
Exterior closure	04	8.24	6	6.46	6	7.96	6	11.76	3	19.32
Roofing	03	7.55	5	8.30	7	6.64	7	5.40	5	10.82
Interior construction	05	6.91	7	6.30	8	5.72	5	12.16	6	8.19

**Consolidated Open Dining Facility
Cost By Engineering System**

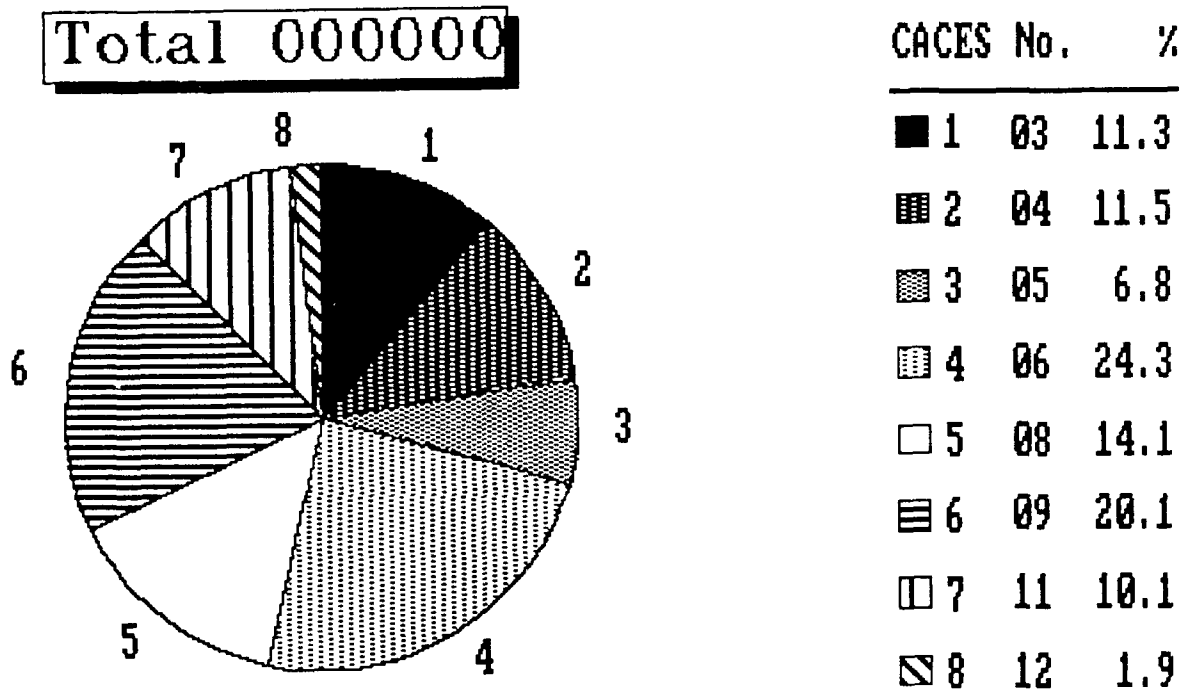
Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	26.85	1	29.71	1	25.38			2	19.36
Interior finishes	06	21.38	2	24.35	3	19.79			4	13.81
Roofing	03	12.39	4	10.77	4	10.12			1	25.78
Interior electrical	11	11.48	3	11.52	5	10.04			3	15.54
Special interior electrical system	12	8.75	8	1.22	2	22.29			8	.10
Plumbing	08	7.14	6	6.84	6	6.16			5	11.25
Exterior closure	04	6.98	5	9.59	8	2.23			6	10.11
Interior construction	05	5.02	7	6.01	7	3.97			7	4.04

**Community Retail Store
Cost by Engineering System**

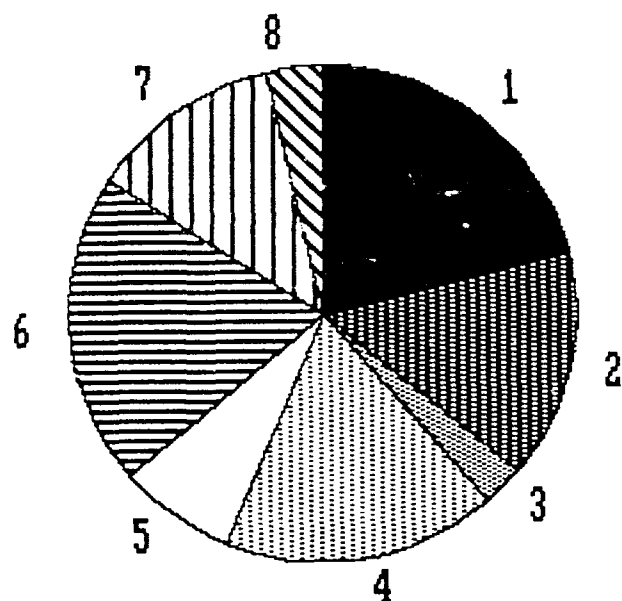
Engineering System Description	CACES ID No.	% of Total	Bragg		Wood		Devens		Ord	
			Rank	% of Total	Rank	% of Total	Rank	% of Total	Rank	% of Total
HVAC	09	23.69	1	31.37	1	33.32	2	19.62	6	5.99
Interior finishes	06	23.43	2	18.76	2	17.01	1	24.64	1	35.26
Roofing	03	16.20	3	14.29	4	15.59	3	18.12	3	18.34
Interior electrical	11	15.96	4	13.37	3	17.00	4	13.15	2	18.63
Exterior closure	04	8.53	5	8.78	5	6.15	8	5.39	4	11.95
Plumbing	08	6.16	6	7.36	6	5.26	7	5.62	5	6.00
Interior construction	05	3.62	7	3.72	8	2.38	5	7.49	7	3.56
Special interior electrical system	12	2.40	8	2.35	7	3.29	6	5.97	8	.26

APPENDIX H:

GRAPHS OF PERCENTAGE OF COST BY ENGINEERING SYSTEM



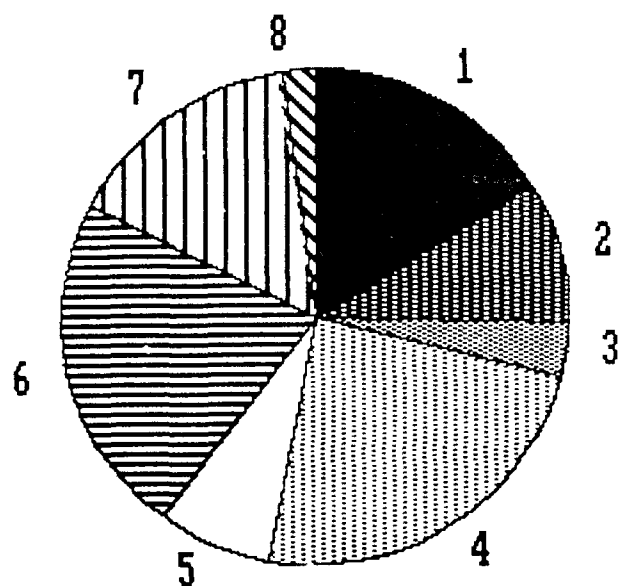
Total 171200



CACES No. %

1	03	21.3
2	04	15.0
3	05	2.7
4	06	17.4
5	08	7.6
6	09	20.4
7	11	12.2
8	12	3.4

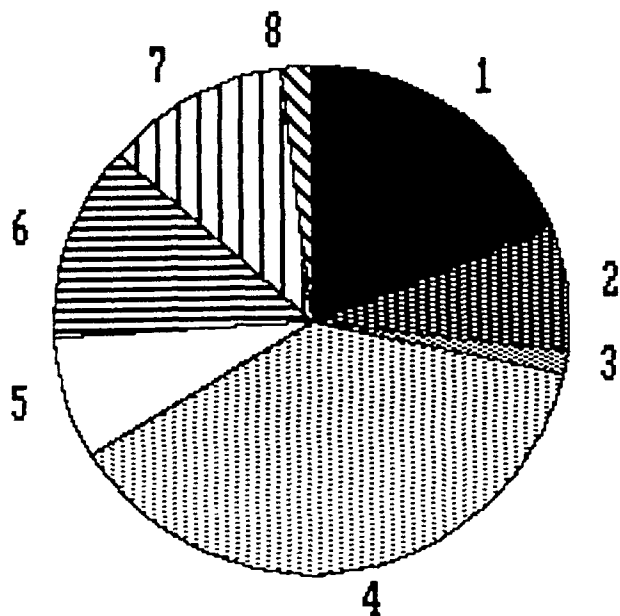
Total 171300



CACES No. %

1	03	16.3
2	04	9.4
3	05	3.7
4	06	23.9
5	08	7.1
6	09	22.5
7	11	15.0
8	12	2.2

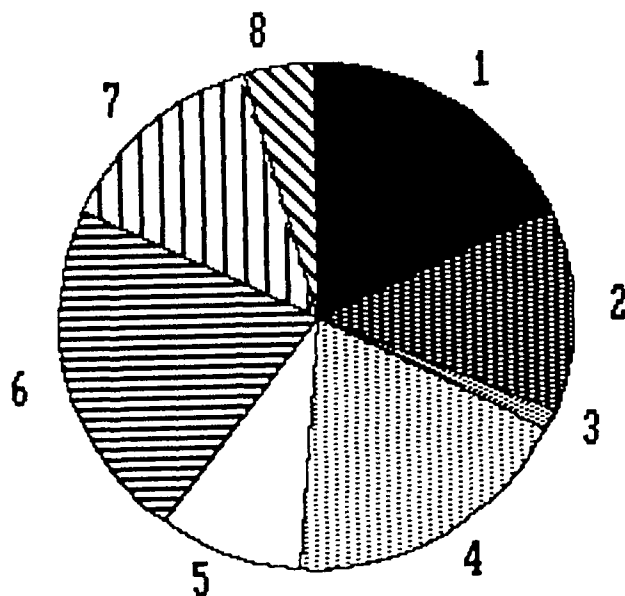
Total 211100



CACES No. %

1	03	19.2
2	04	8.2
3	05	1.4
4	06	37.8
5	08	7.7
6	09	12.6
7	11	11.4
8	12	1.7

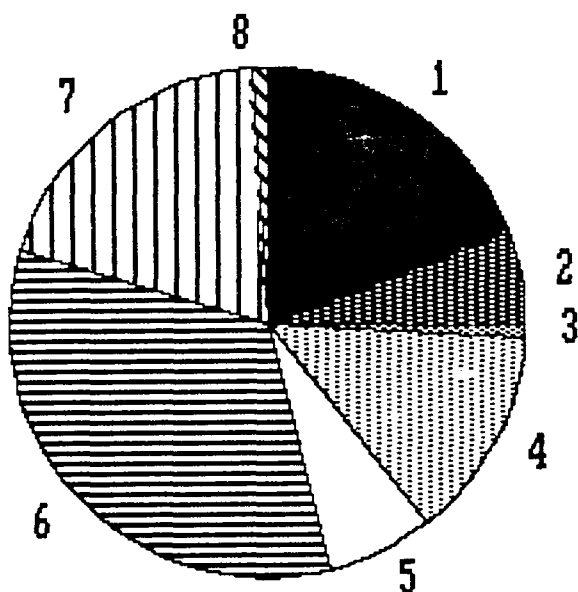
Total 214100



CACES No. %

1	03	18.5
2	04	13.0
3	05	1.5
4	06	18.4
5	08	9.1
6	09	21.8
7	11	13.4
8	12	4.3

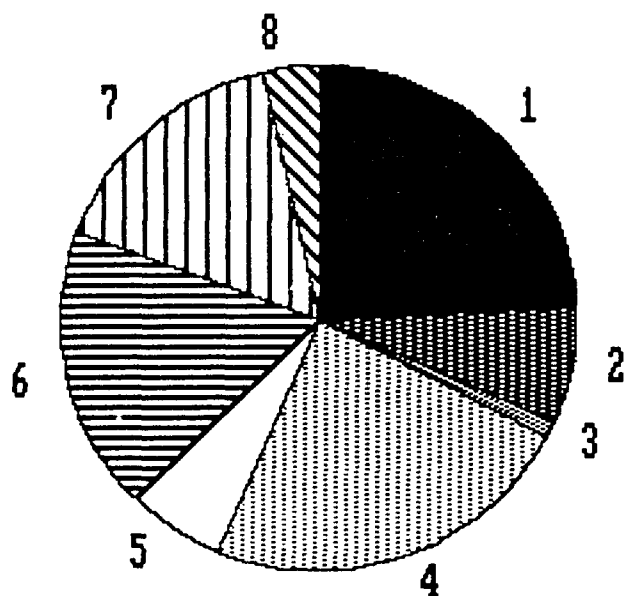
Total 214200



CACES No. %

1	03	19.4
2	04	6.0
3	05	.9
4	06	13.3
5	08	6.6
6	09	33.7
7	11	19.2
8	12	.9

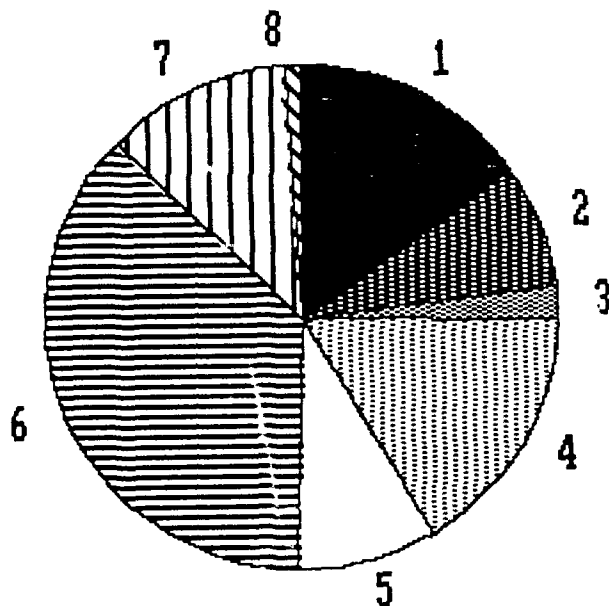
Total 218000



CACES No. %

1	03	24.4
2	04	7.4
3	05	1.0
4	06	23.7
5	08	6.1
6	09	18.0
7	11	15.8
8	12	3.5

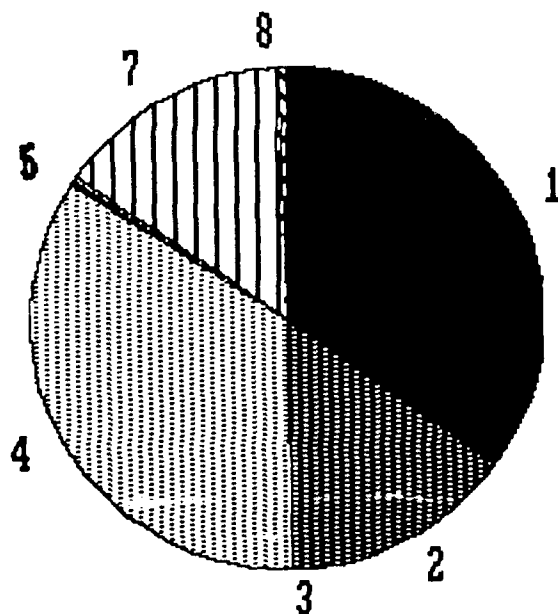
Total 219000



CACES No. %

1	03	15.3
2	04	7.8
3	05	2.4
4	06	16.3
5	08	9.0
6	09	36.5
7	11	11.6
8	12	1.1

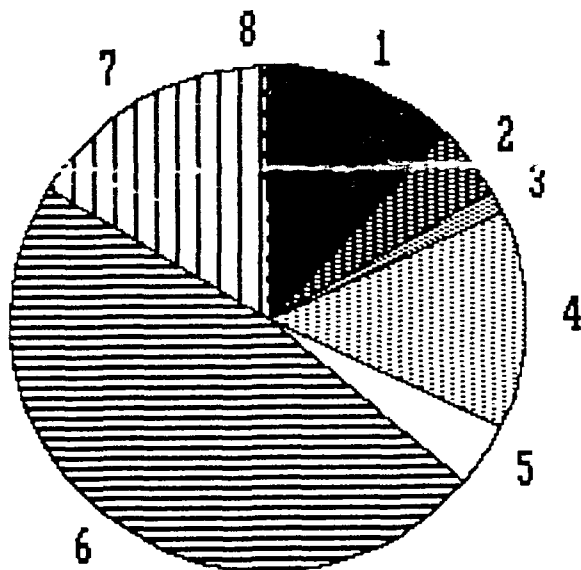
Total 421000



CACES No. %

1	03	35.2
2	04	14.6
3	05	.1
4	06	34.3
5	08	.3
6	09	.4
7	11	14.8
8	12	.3

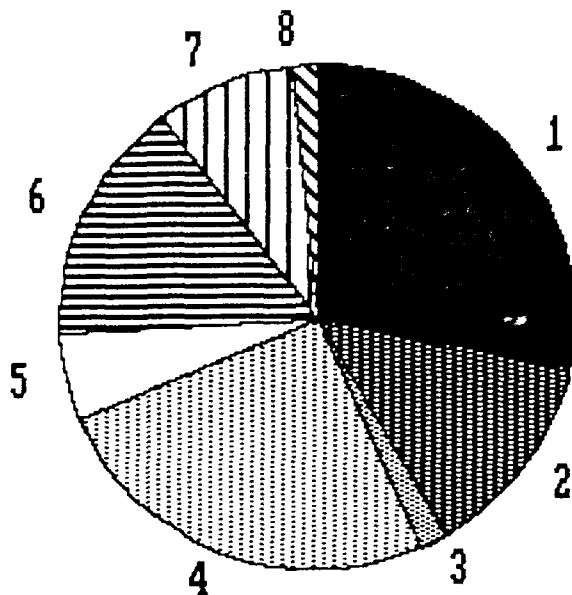
Total 430000



CACES No. %

1	03	12.0
2	04	4.7
3	05	1.6
4	06	14.0
5	08	4.2
6	09	47.7
7	11	15.7
8	12	.2

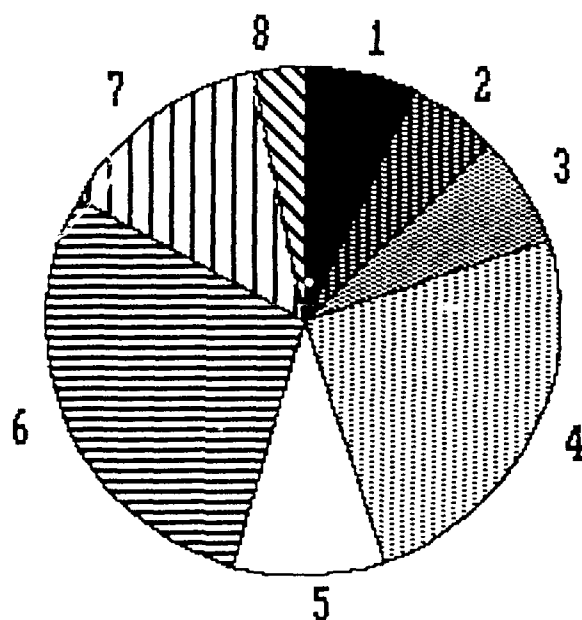
Total 442000



CACES No. %

1	03	28.5
2	04	13.2
3	05	1.8
4	06	25.2
5	08	5.5
6	09	15.6
7	11	8.5
8	12	1.6

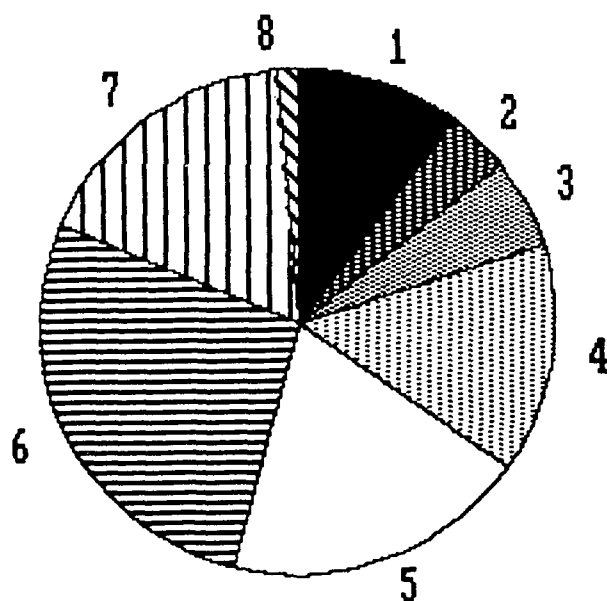
Total 510100



CACES No. %

■ 1	03	7.1
▨ 2	04	5.9
▩ 3	05	6.9
▧ 4	06	24.9
□ 5	08	9.8
▨ 6	09	28.7
▩ 7	11	13.5
▧ 8	12	3.2

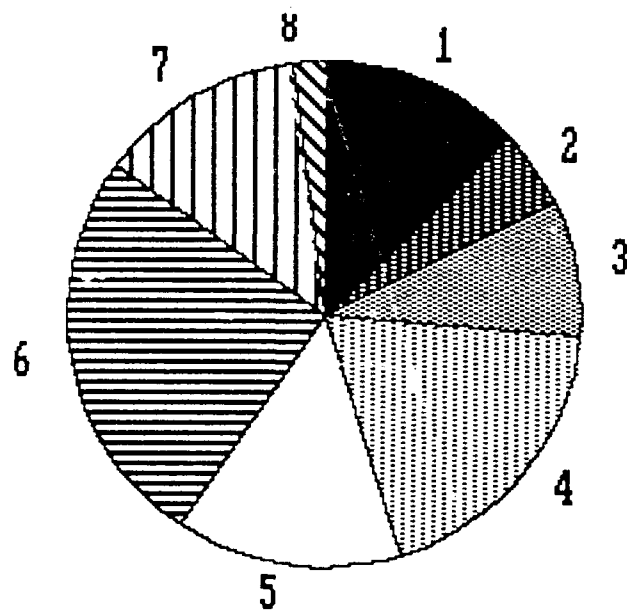
Total 540100



CACES No. %

■ 1	03	10.4
▨ 2	04	4.1
▩ 3	05	5.6
▧ 4	06	14.7
□ 5	08	19.6
▨ 6	09	27.1
▩ 7	11	17.3
▧ 8	12	1.3

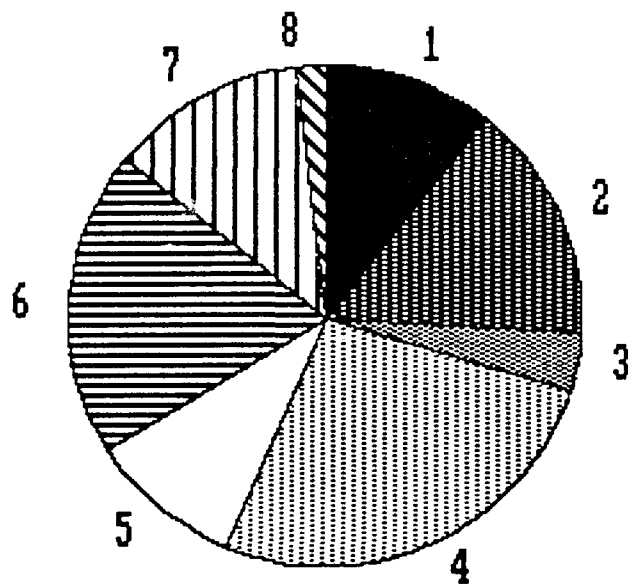
Total 550100



CACES No. %

■ 1	03	12.6
▤ 2	04	4.9
▥ 3	05	9.0
▦ 4	06	18.6
□ 5	08	14.6
▧ 6	09	25.5
▨ 7	11	12.6
▩ 8	12	2.2

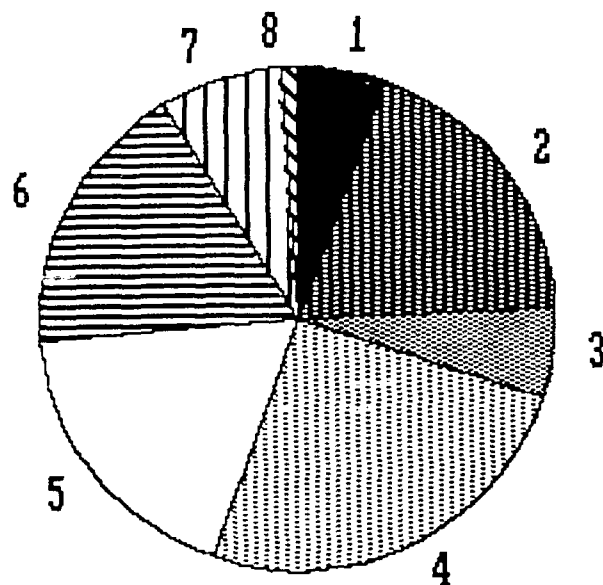
Total 610500



CACES No. %

■ 1	03	10.6
▤ 2	04	15.6
▥ 3	05	3.8
▦ 4	06	26.6
□ 5	08	9.7
▧ 6	09	19.8
▨ 7	11	12.2
▩ 8	12	1.8

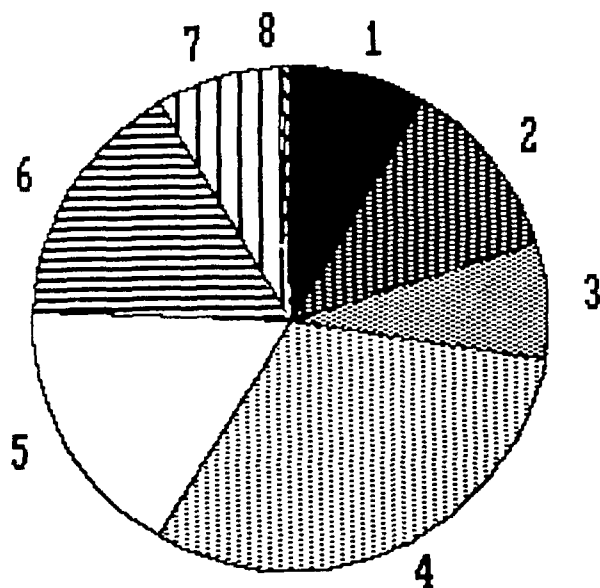
Total 711110



CACES No. %

1	03	5.8
2	04	18.8
3	05	5.7
4	06	25.5
5	08	18.0
6	09	17.6
7	11	7.7
8	12	.9

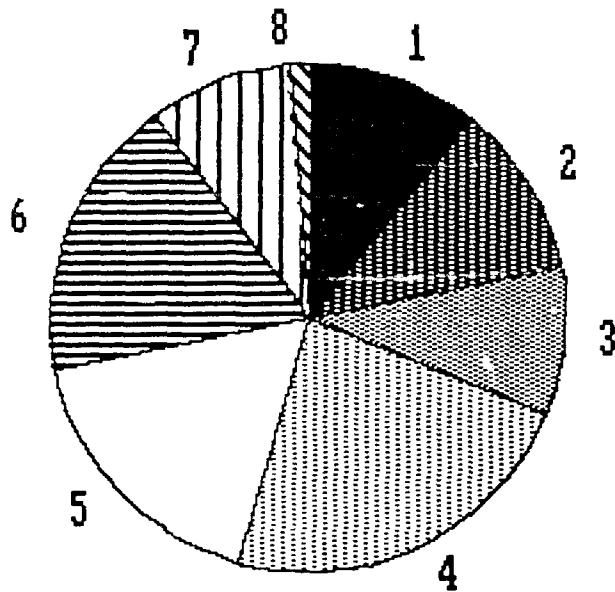
Total 711120



CACES No. %

1	03	8.8
2	04	11.5
3	05	7.6
4	06	31.1
5	08	16.7
6	09	15.8
7	11	7.8
8	12	.5

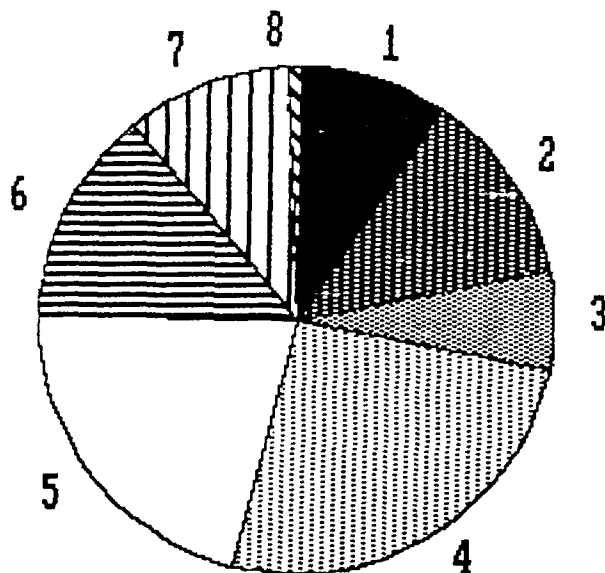
Total 711200



CACES No. %

1	03	10.6
2	04	11.3
3	05	9.4
4	06	23.4
5	08	17.0
6	09	18.2
7	11	8.9
8	12	1.2

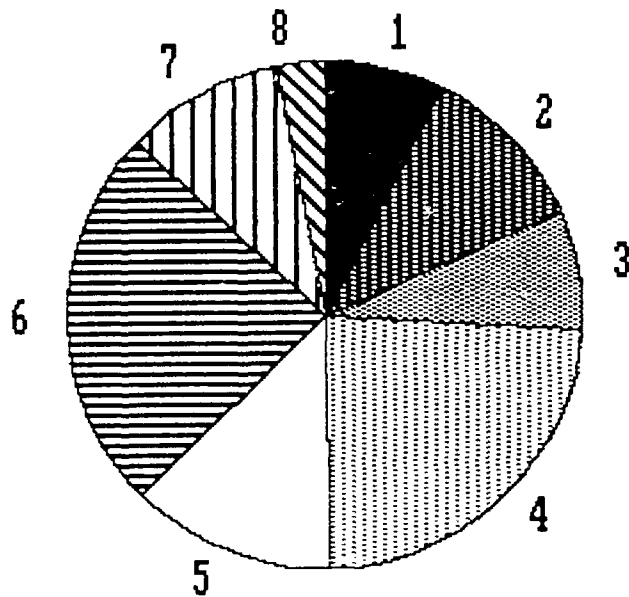
Total 711300



CACES No. %

1	03	9.4
2	04	12.4
3	05	6.4
4	06	25.7
5	08	21.4
6	09	13.8
7	11	10.1
8	12	.8

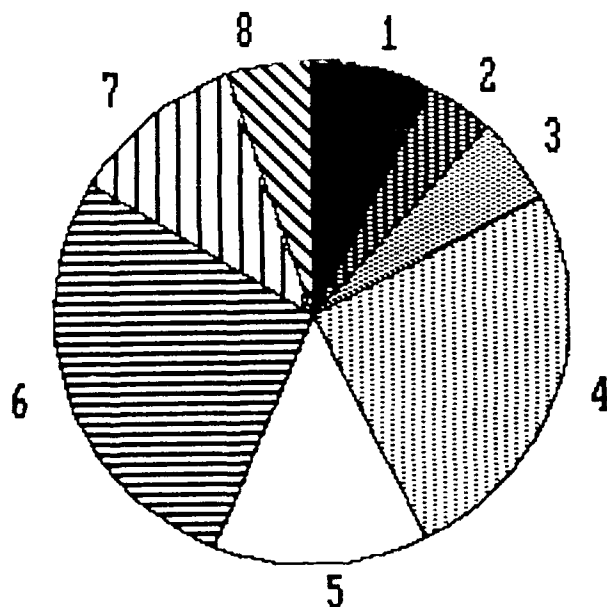
Total 721000



CACES No. %

1	03	7.7
2	04	10.7
3	05	7.9
4	06	23.6
5	08	13.0
6	09	24.1
7	11	10.1
8	12	2.8

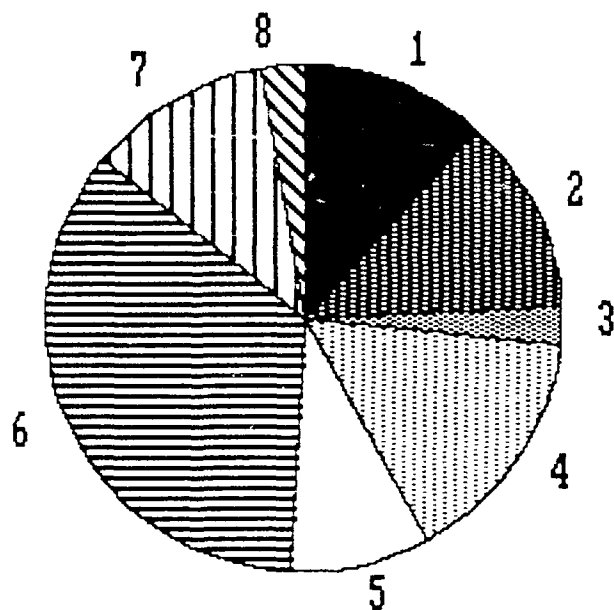
Total 721810



CACES No. %

1	03	8.0
2	04	4.1
3	05	5.4
4	06	25.5
5	08	13.5
6	09	27.5
7	11	10.9
8	12	5.1

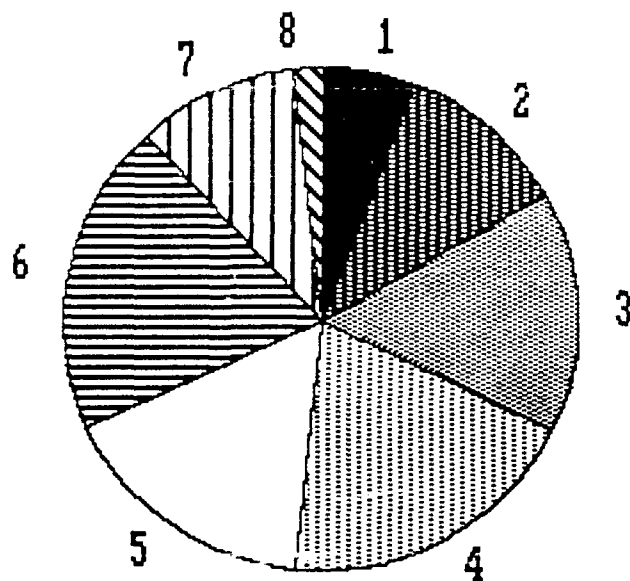
Total 722000



CACES No. %

1	03	11.8
2	04	12.4
3	05	2.7
4	06	15.2
5	08	8.8
6	09	35.2
7	11	11.3
8	12	2.6

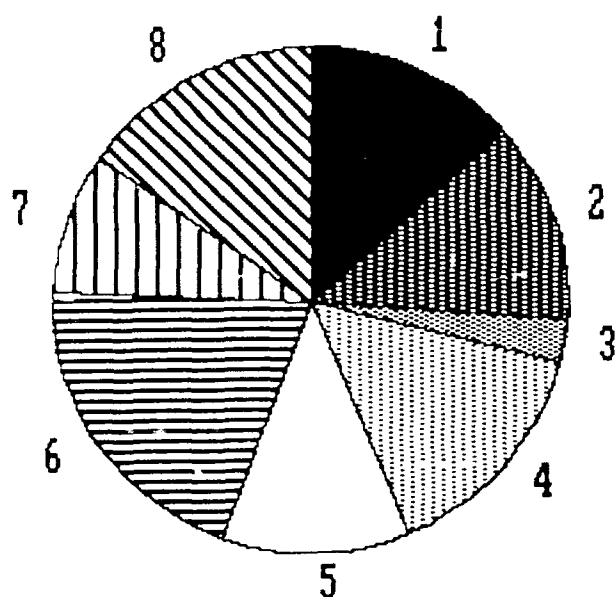
Total 724000



CACES No. %

1	03	5.9
2	04	10.9
3	05	15.5
4	06	19.5
5	08	16.6
6	09	19.8
7	11	10.0
8	12	1.9

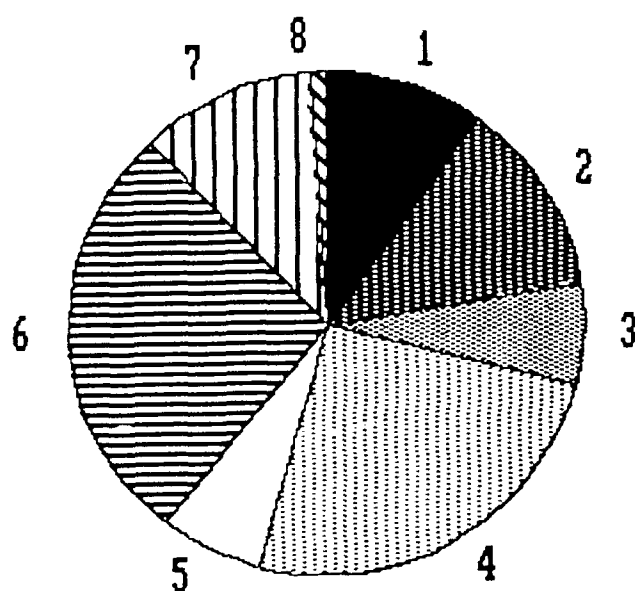
Total 730100



CACES No. %

1	03	13.4
2	04	13.0
3	05	2.9
4	06	14.7
5	08	11.8
6	09	20.2
7	11	8.8
8	12	15.1

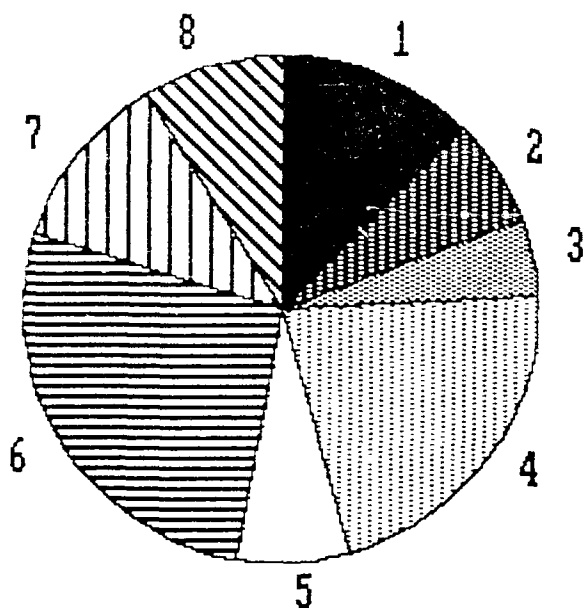
Total 730200



CACES No. %

1	03	10.0
2	04	12.5
3	05	6.8
4	06	25.4
5	08	6.2
6	09	27.4
7	11	10.7
8	12	1.0

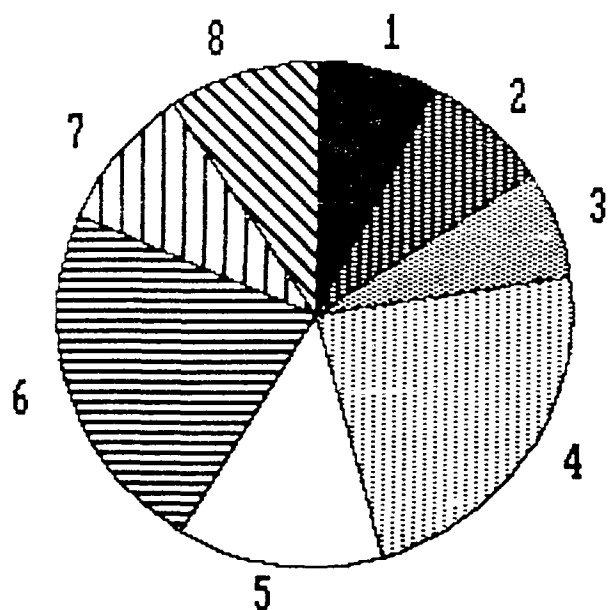
Total 740460



CACES No. %

1	03	12.4
2	04	7.0
3	05	5.0
4	06	21.4
5	08	7.1
6	09	26.9
7	11	11.5
8	12	8.7

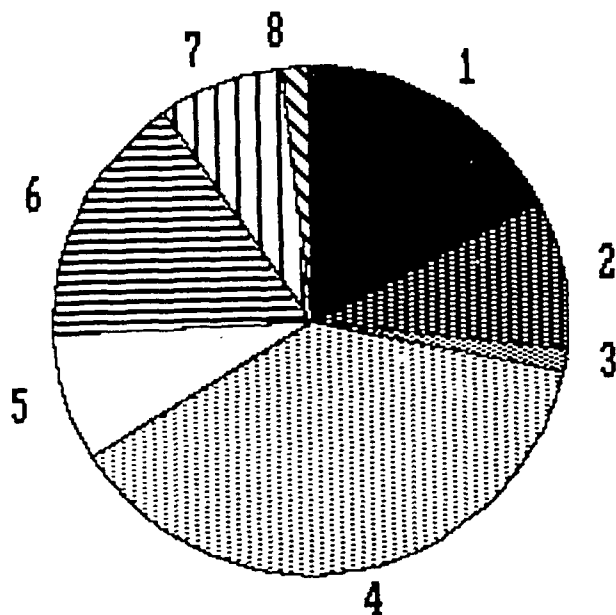
Total 740320



CACES No. %

1	03	7.5
2	04	8.2
3	05	6.9
4	06	22.9
5	08	13.2
6	09	22.7
7	11	9.2
8	12	9.2

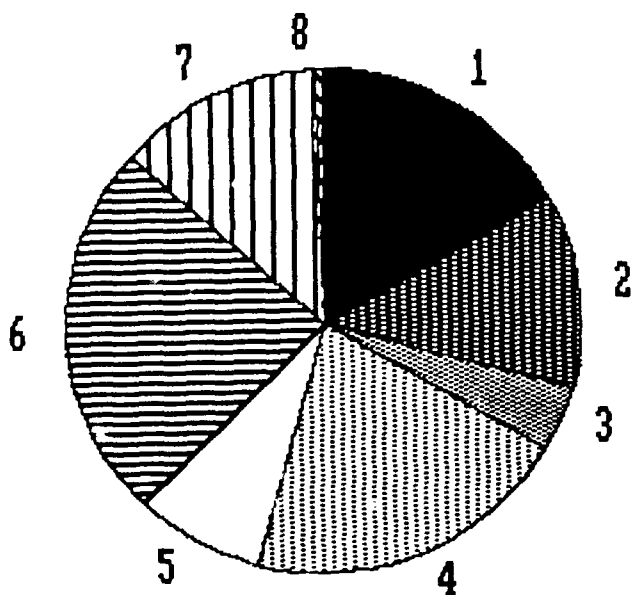
Total 740280



CACES No. %

1	03	17.6
2	04	9.7
3	05	1.5
4	06	37.6
5	08	8.1
6	09	16.2
7	11	7.8
8	12	1.5

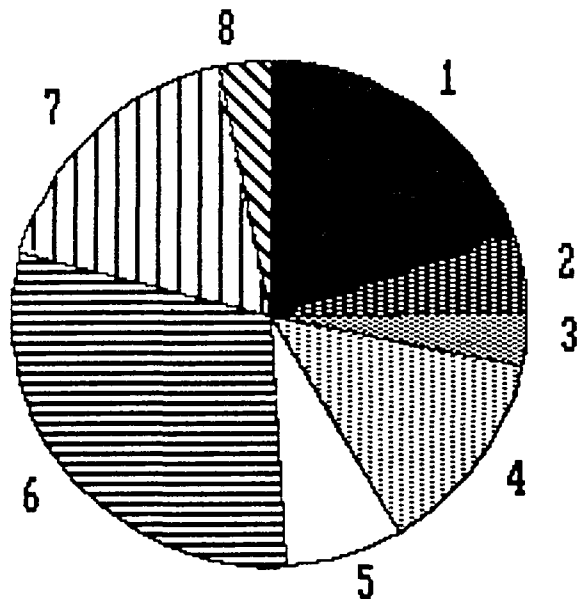
Total 740250



CACES No. %

1	03	17.1
2	04	12.5
3	05	4.0
4	06	20.8
5	08	8.2
6	09	24.1
7	11	12.8
8	12	.4

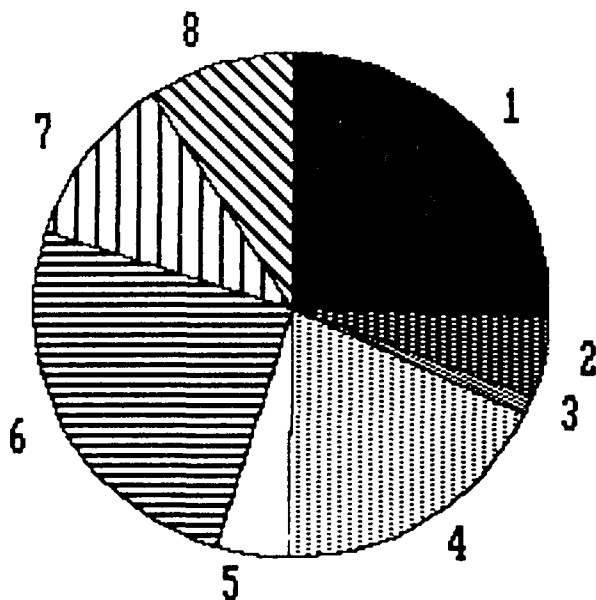
Total 740220



CACES No. %

1	03	19.8
2	04	4.9
3	05	3.8
4	06	13.4
5	08	7.1
6	09	30.2
7	11	17.5
8	12	3.2

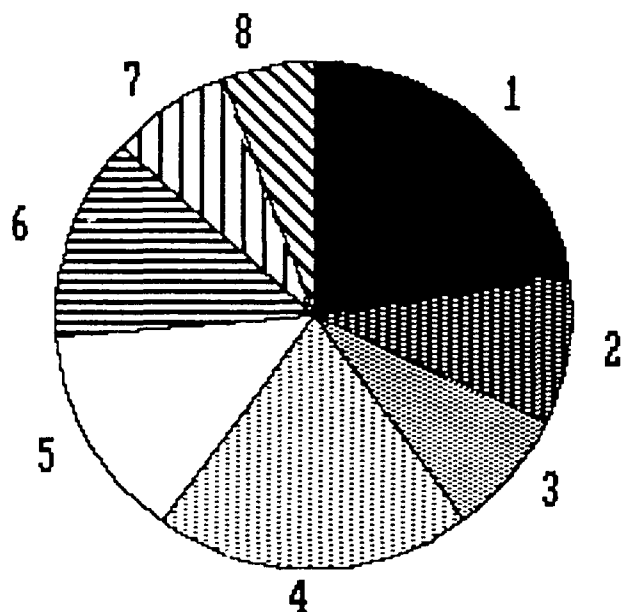
Total 740210



CACES No. %

1	03	25.8
2	04	5.2
3	05	1.1
4	06	18.2
5	08	4.6
6	09	25.1
7	11	10.8
8	12	9.1

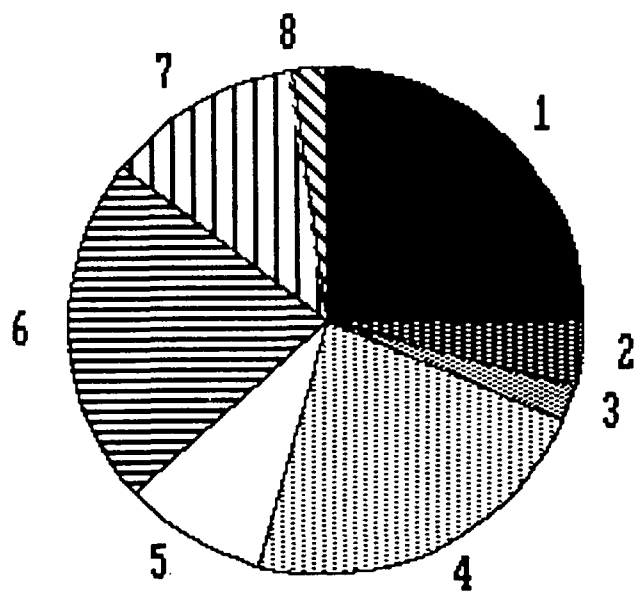
Total 740140



CACES No. %

1	03	22.6
2	04	9.6
3	05	8.0
4	06	19.9
5	08	13.8
6	09	13.1
7	11	7.5
8	12	5.6

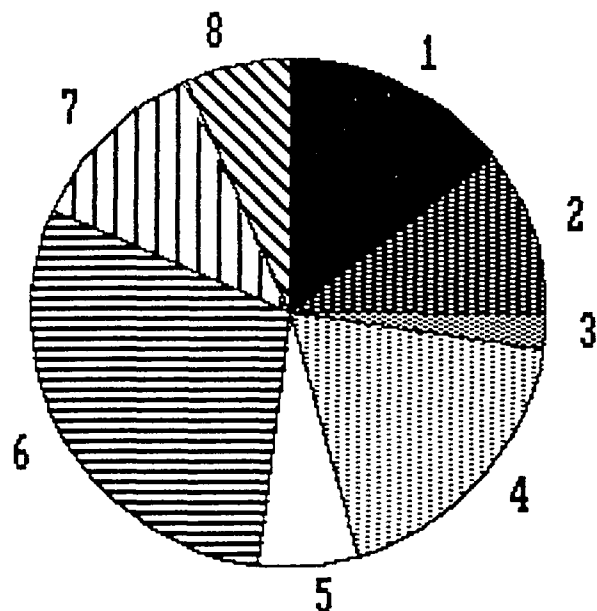
Total 740110



CACES No. %

1	03	25.3
2	04	4.2
3	05	2.3
4	06	22.8
5	08	8.8
6	09	22.4
7	11	12.2
8	12	2.0

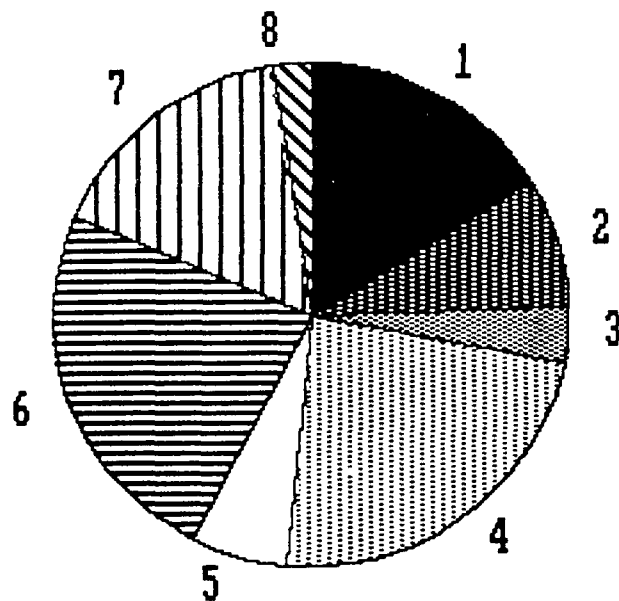
Total 740100



CACES No. %

1	03	14.6
2	04	10.9
3	05	2.2
4	06	18.1
5	08	6.4
6	09	29.6
7	11	11.8
8	12	6.4

Total 740530



CACES No. %

1	03	16.2
2	04	8.5
3	05	3.6
4	06	23.4
5	08	6.2
6	09	23.7
7	11	16.0
8	12	2.4

DISTRIBUTION

Chief of Engineers

ATTN: CEHEC-IM-LH (2)

ATTN: CEHEC-IM-LP (2)

ATTN: CEMP-EC

ATTN: CERD-L

USAEHSC

ATTN: CEHSC-FM-R

Fort Belvoir, VA 22060

ATTN: CECC-R

Defense Technical Info, Center 22304

ATTN: DTIC-FAB (2)

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04/91